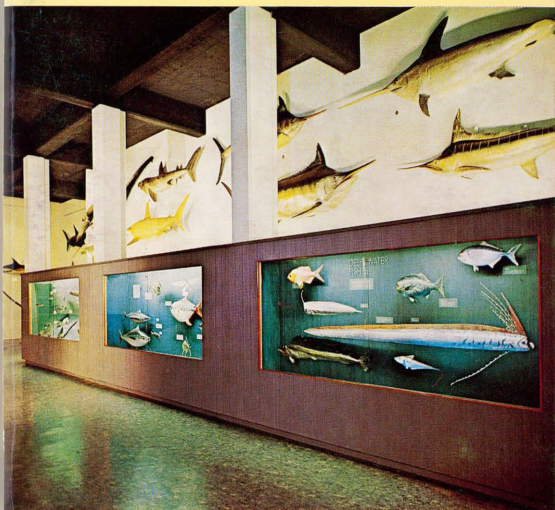


AIM Ann Report
1976 to 1977

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AUCKLAND INSTITUTE AND MUSEUM



ANNUAL REPORT 1976-77

AIM Ann Report
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Cover: View in Hall of Fishes and Whales

Vahry photo

AIM Ann Report
1976 to 1977

ANNUAL REPORT
AUCKLAND INSTITUTE
AND MUSEUM
1976-77

For presentation at the Annual General
Meeting to be held on 27th June, 1977

AIM Ann Report 1976 to 1977

Staff of the Museum

Director	E. G. TURBOTT, M.Sc., F.M.A.N.Z.
Assistant Director, Curator of Display and of Applied Arts	T. J. BAYLISS, F.M.A.N.Z.
Ethnologist	D. R. SIMMONS, M.A.
E. Earle Vaile Archaeologist	JANET M. DAVIDSON, M.A. (returned 26 October)
Acting E. Earle Vaile Archaeologist	AILEEN FOX, M.A.(CAMB.), F.S.A.
Recorder (Ethnology)	NOLA V. ARTHUR, N.Z.L.A. CERT., A.N.Z.L.A., A.L.A.A.
Clerical Assistant (Ethnology)	DOROTHY McVICKER
Botanist	A. E. ORCHARD, B.Sc.(HONS.), PH.D.(ADEL.), F.L.S.
Assistant Botanist	JEANNE H. GOULDING
Associate Botanists	PHYLLIS HYNES
Hon. Botanist	E. B. BANGERTER
Entomologist	LUCY CRANWELL SMITH, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Recorder (Entomology)	K. A. J. WISE
Malacologist	JANET M. GURR
Hon. Research Associate in Mollusca	W. O. CERNOHORSKY, F.L.S., A. W. B. POWELL, HON. D.Sc., F.R.S.N.Z., F.M.A.N.Z.
Marine Biologist	A. B. STEPHENSON, M.Sc.
Associate Ornithologist	SYLVIA REED
Hon. Curator of Textiles	JUDY SMITH
Hon. Curator of Furniture	W. H. ROSS-LOWE, M.B.E.
Hon. Curator of Medals and Badges	D. A. CORBETT, A.F.R.Ae.S.
Hon. Numismatist	PERCY ROBINSON
Librarian	I. G. THWAITES, B.A., DIP.N.Z.L.S., A.N.Z.L.A.
Assistant Librarian	YOLANDA F. DRUMMOND, M.A., DIP.N.Z.L.S.
Library Assistant	G. MAITLAND, M.A.
Clerical Assistant (Library)	MARIENNE FLETCHER
Extension Service Officer	J. H. WADHAM, B.Sc.
Preparator	L. J. CAPPEL, DIP. I.A.C. (AMST.)
Staff Artist	BETTY BROOKES (to 10 December)
Art Assistant	JOCELYN BERTRAND
Display Assistant	AUDREY McBIRNEY
Planetarium Operator	GARY FREETH
Education Officer	W. K. A. BERRY, B.A., B.Sc., DIP.ED., ADV.DIP.TCHG.
Assistant Education Officers	B. H. CADMAN, B.A. ANNE LEAHY, M.A. RENA BOWLING (relieving)
Artist-Technician (Education Section)	J. B. McCAW
Teacher Aid	PAM TOWERS
Accountant	B. S. ROBERTSON, B.COM., A.C.A., A.C.I.S.
Accounts Clerk	MERLE WILLIAMS
Clerical Assistant (Accounts)	KATHLEEN JARVIS
Director's Secretary	RENEE SHANNON
Secretarial Assistant	BETTY DINGLE (to 11 March)
Receptionist-Telephonist	SUSAN SCHRICKEL
Cabinetmaker-Maintenance Supervisor	VERNA M. DOYLE
Cleaners	D. MCGILLIVRAY
	ESTA SMITH
	MAY SMITH

Museum Shop: MYRA ALEXANDER (Manager), STRELSA BOYCE, YVONNE DEW, ANN HANNA, LESLEY STUART, NANDA WATSON
Coffee Lounge: MAY EICHLER (Manager), MARY McSWEENEY (Assistant Manager), JEAN KNOX, FLORA MCGILLIVRAY, ALISON McLAUGHLIN, JOAN POWELL

Attendants: E. SOUTHWORTH (Senior), W. CALHANE, T. COKER, J. W. DONALDSON, B. FLETCHER, J. E. MILLS, B. R. POLLARD, L.S. RAMON, J. P. THOMSON (to 3 February), J. P. WALDEN, S. S. SWANBERG, A. E. YARROW

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM

1976-77

President:

DR J. D. ATKINSON, O.B.E., M.AGR.SC., D.SC., F.R.S.N.Z.

Vice-Presidents:

DR H. C. HOLLAND, O.B.E., F.R.I.C., LIEUTENANT-COLONEL A. R. HUGHES, MR G. W. FRATER

Council:

DR P. J. BROOK, M.SC., PH.D.
MR S. G. BROOKER, M.SC.
PROFESSOR R. N. H. BULMER,
M.A., PH.D.
MR H. V. COOP, F.R.C.S.
MR R. H. L. FERGUSON,
F.R.C.S., F.R.A.C.S.
MR K. B. MYERS, M.B.E.

MR D. B. ROBERTSON, F.R.C.S.,
F.R.A.C.S.
DR E. H. ROCHE, M.C., M.D.,
F.R.A.C.P.
DR J. ROGERS, M.SC., PH.D.
MR JOHN SEABROOK, C.M.G.,
A.F.C.
MR R. B. SIBSON, E.D., M.A.
MR R. E. THOMAS, F.C.A.N.Z.

Representatives of the Auckland City Council:

HIS WORSHIP THE MAYOR, SIR DOVE-MYER ROBINSON
MR H. D. B. DANSEY, M.B.E.
MR I. W. MCKINNON, J.P.
MR W. J. STREVEVS

Representatives of Local Authorities:

MR J. D. AUCKRAM, MR C. R. BACH, E.D., B.SC., J.P., MRS N. J. BOURKE, J.P., HIS WORSHIP THE MAYOR OF NEW LYNN, MR H. BROWN, B.A., J.P., MR J. R. DART, M.SC., D.I.C., DIP.T.P., M.N.Z.I.S., M.N.Z.P.I., MR O. E. WALKER, MR T. R. WOOLLIAMS, MRS E. A. WYLIE, Q.S.M., J.P.

Trust Board:

MR KENNETH B. MYERS, M.B.E. (Chairman)
DR H. C. HOLLAND, O.B.E., F.R.I.C.
DR E. H. ROCHE, M.C., M.D., F.R.A.C.P.
MR J. H. ROSE, LL.B.
MR JOHN SEABROOK, C.M.G., A.F.C.
MR R. E. THOMAS, F.C.A.N.Z.

Representative on Member Bodies' Committee, Royal Society of New Zealand:
DR P. J. BROOK

Director:

E. G. TURBOTT, M.SC., F.M.A.N.Z.

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PRESIDENTS OF THE AUCKLAND INSTITUTE AND MUSEUM

1867	F. Whitaker	1903	Professor A. P. W. Thomas
1869	Hon. T. B. Gillies	1906	Professor F. D. Brown
1870	Rev. Dr. A. G. Purchas	1907	E. V. Miller
1871	T. Heale	1909	Professor C. W. Egerton
1873	Hon. T. B. Gillies	1910	Dr. R. Briffault
1874	Sir G. A. Arney	1911	J. H. Upton
1875	J. C. Firth	1912	Professor H. W. Segar
1876	Hon. T. B. Gillies	1913	C. J. Parr
1877	R. C. Barstow	1915	Hon. Sir E. Mitchelson
1878	T. Heale	1917	J. H. Gunson
1879	Rev. Dr. A. G. Purchas	1926	H. E. Vaile
1881	T. Peacock	1931	Alfd. G. Lunn
1882	E. A. MacKechnie	1933	Professor H. W. Segar
1883	Rt. Rev. Dr. W. G. Cowie	1934	Sir Cecil Leys
1884	H. G. Seth Smith	1935	A. T. Pycroft
1885	J. A. Pond	1936	Sir Carrick Robertson
1886	Professor F. D. Brown	1938	C. Reginald Ford
1887	Professor A. P. W. Thomas	1940	Dr. W. A. Fairclough
1888	S. Percy Smith	1942	A. H. Johnstone
1889	J. Martin	1944	J. C. Rennie
1890	J. Stewart	1947	Hon. T. Bloodworth
1891	Professor F. D. Brown	1949	F. L. G. West
1893	Professor C. A. M. Pond	1952	Professor L. H. Briggs
1894	J. H. Upton	1955	J. W. Kealy
1895	Professor A. P. W. Thomas	1958	J. H. Rose
1896	D. Petrie	1961	John Seabrook
1897	Dr. E. Robertson	1964	S. G. Brooker
1898	Prof. H. A. Talbot-Tubbs	1967	Dr. H. C. Holland
1899	J. Batger	1970	Lt.-Col. A. R. Hughes
1900	Professor H. W. Segar	1973	G. W. Frater
1901	J. Stewart	1976	Dr J. D. Atkinson
1902	Dr. E. Robertson		

REPORTS TO MEMBERS

President

Reference must first be made to the important project initiated last year, the implementation of the recommendation by our Architect, Mr R. F. Draffin, to replace the deteriorated metal frames of most of the windows in the World War I building — an estimate of \$183,400 was given by Mr Draffin for the replacement or renovation of the windows over a five-year period. It gives me much pleasure to report that members' generous response to our appeal has resulted to date in a Members' Appeal Fund of \$4,750.53. The Door Appeal has produced contributions at a most satisfactory rate, the total from this source on 31st March being \$22,196.59. It is pleasing also to report that the average daily contributions at the door have remained steady throughout the Appeal, so that it seems likely that a substantial contribution towards the project will be available from this source.

The opportunity is taken to thank all those members who contributed so generously to the Appeal, and to thank on behalf of the Council and members all contributors to the fund.

Mr Draffin last year commissioned the first stage of the project, i.e. repair work on certain smaller windows to be retained, and this work was finished in October, 1976; we expect the second stage, the replacement of windows in the internal courts, to begin shortly. Mr Draffin has also sought expert advice on the restoration of the deteriorated Portland stone on certain portions of the building for which funds were granted in 1976 by the Sir John Logan Campbell Trust. It is proposed to perform this work simultaneously with the replacement of windows in the appropriate sections.

We greatly appreciated the opportunity of welcoming some 220 guests at our reception for Local Authorities on Monday evening, 14th June, 1976. Representatives were present of many metropolitan Authorities, and of provincial Authorities from as far afield as Kaitiaki and Taumarunui; after a showing of the film "Ancient Egypt" by the noted New Zealand photographer and producer Brian Brake, tours were arranged of recent installations in the Museum Halls.

Mention may also be made of the jubilee celebrations during 1976 of the Department of Scientific and Industrial Research. We were able to participate, firstly, by showing the Department's circulating exhibition "Science Serving New Zealand" from 18th-27th June, and later through the inclusion in our Monday evening series of a Jubilee Lecture by Dr Bielecki — details of the two events are included in later reports.

The reports which follow will indicate the wide range of activities undertaken, including further improvements in the permanent exhibition galleries at various points.

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In addition, as described by Mr Turbott in his report, an ambitious project is planned for a comprehensive permanent installation in one of our first floor halls on Auckland's environment — past and future — at an estimated cost of \$102,000. In December, 1976, our plans for the installation were placed before, respectively, the Sir John Logan Campbell Trust and the Auckland City Council, each body responding in the most generous terms by agreeing in principle to meet one-half of the total cost over a three-year period. The support of the City Council was contingent upon financial support also being forthcoming from other Local Authorities in the area: an appeal to these Authorities is in progress, and I am pleased to be able to report that on the basis of replies to date the proposal has been well received and that the necessary support is likely to be forthcoming.

Awards

We congratulate the following members on honours received from Her Majesty the Queen: Sir Charles Fleming, K.B.E.; Sir Gordon Minhinnick, K.B.E.; Sir Clifford Perry, Knight Bachelor; Miss Ida G. Eise, M.B.E.; Mr E. Paton, M.B.E.; Mr W. Laird Thomson, M.B.E.; Mr C. F. Jenkins, Q.S.M.; and Mrs E. A. Wylie, Q.S.M.

Congratulations are extended to Professor C. G. Liggins on being elected to the Fellowship of the Royal Society of New Zealand. Professor Liggins was nominated by our Fellowship Committee.

We have pleasure also in congratulating Mr T. J. Bayliss, of our own staff, on receiving the Fellowship of the Art Galleries and Museums Association of New Zealand. The Association's Fellowship is awarded in recognition of outstanding services to the museum movement in New Zealand.

Council

An election for five vacancies was held at the Annual General Meeting, resulting in the return of Dr P. J. Brook, Mr S. G. Brooker, Dr D. B. Robertson, Dr J. Rogers and Mr J. Seabrook for the ensuing three-year term. We have pleasure in congratulating Dr Brook, Dr Robertson, Dr Rogers and Mr Seabrook on their re-election, and in welcoming Mr Brooker, who retired last year from the Vice-Presidency, to a further term on the Council.

Two of our elected Local Authority representatives retired during the year, Mr W. G. Ralston (North Shore Authorities) and Mr J. M. Print (southern metropolitan Authorities). Elections were accordingly necessary, resulting in the election of, respectively, Mrs N. J. Bourke (nominated by the Birkenhead Borough Council) and Mr J. D. Auckram (nominated by the Onehunga Borough Council), and we have much pleasure in welcoming Mrs Bourke and Mr Auckram to their seats. The opportunity is also taken to record our very warm appreciation to both Mr Ralston and Mr Print for their ready assistance and interest during their term on our Council.

It is with deep regret that we record the death on 18th March, 1977, of Mr K. E. Sutcliffe. Mr Sutcliffe was a member of the Newmarket Borough Council and was elected to our Council in December, 1974, as a representative of southern metropolitan contributing Authorities; he was a member of the Council's Finance Committee, and gave much appreciated assistance in the work of the Council throughout his term of office.

Finally, members and members of Council will wish to join in expressing appreciation of the contribution made over the past 10-year period by Dr E. H. Roche, who retired in July as Chairman of the Council's Museum Committee. Dr Roche was appointed Chairman in July, 1964, and through his enthusiasm and practical advice greatly furthered the many advances made in the display halls and in the various Museum services over this period; in addition, he was closely associated throughout with the plans for three major installations, the Coffee Lounge, Shop and Auditorium, and contributed in no small measure to the success of these projects.

Council appointed Mr R. B. Sibson to the Chairmanship of the Museum Committee upon Dr Roche's retirement. The post of Chairman of the Institute Committee, which fell vacant on my own election to the Presidency, was filled by the appointment of Dr P. J. Brook.

Staff

We are pleased to be able to welcome Miss Davidson back to the staff on her return from England where she held a two-years' Rhodes Visiting Fellowship at Lady Margaret Hall, University of Oxford. With Miss Davidson's return in October we farewelled with regret Lady Fox, who as Acting E. Earle Vaile Archaeologist had made a distinguished and effective contribution to the Museum's work. Lady Fox, in addition to maintaining the work of the Department, provided information and advice to Local Authorities and others on a wide range of site preservation and planning matters. It is with pleasure that we record our appreciation and best wishes to Lady Fox on her retirement.

With the retirement on 10th December, 1976, of Mrs Betty Brookes, after 19 years' service, we lost an important member of our display staff. Nearly all of the Museum's display halls have benefitted from Mrs Brookes' imaginative and competent contribution. She has, too, taken a leading part in the development and expansion of the Extension Service and more recently in the preparation of our circulating exhibitions under the Government grant scheme. All will wish to join in expressing appreciation of Mrs Brookes' high professional ideals, and her loyalty and devotion to the Museum, and in extending best wishes on her retirement.

A second long-serving staff member, Mr J. P. Thomson, retired from the Attendant staff on 3rd February, 1977, after 15½ years'

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service. The opportunity is taken to record our appreciation and best wishes on retirement to Mr Thomson.

Miss Betty Dingle resigned from the post of Secretarial Assistant in March on the conclusion of five years' service. We wish to thank Miss Dingle for her contribution to the Museum during this period, and record her resignation with regret.

In February Miss Anne Leahy returned to her post as Assistant Education Officer after a year's leave of absence which enabled her to carry out a programme of study of museum school services in the United Kingdom and on the Continent. During Miss Leahy's absence her position was filled by Miss Rena Bowling as relieving assistant.

We have pleasure in congratulating the Librarian, Mr I. G. Thwaites, on the award of an Anzac Fellowship. This will enable Mr Thwaites to visit Australia in September-October to carry out a programme of study and research on library methods in Australian museums, and in libraries holding historical collections. Mr Thwaites' award reflects much credit upon his able organisation of our Library, and especially of our Archives services.

Membership

The roll has changed as follows:

	As at 31/3/76	As at 31/3/77
Life Members	517	536
Ordinary Members	1,082	1,173
	<hr/> 1,599	<hr/> 1,709

Obituary

We record with regret the death of the following members:

Mr E. Axford, Mr A. E. Bond, Mrs M. L. Chappell, Mr B. Clendon, Brigadier W. W. Dove, C.B.E., M.C., Mrs R. S. Harrop, B.Com., Major M. Earle Johnson, M.C., Miss E. Kenderdine, Mr W. E. La Roche, B.Sc., Archbishop James M. Liston, C.M.G., D. D., Hon.LL.D., Miss A. L. Loudon, C.B.E., M.A., F.R.S.A., Dr S. L. Ludbrook, C.M.G., M.B., F.R.C.P., F.R.A.C.P., Mr F. McCarthy, O.B.E., S.M., Mr R. C. Norris, LL.M., Dr G. H. Robertson, M.D., M.Sc., M.R.C.P., F.R.A.C.P., Mr K. E. Sutcliffe, Mr J. Waterhouse, B.A.

Archbishop Liston had taken a long and personal interest in the work of the Institute and Museum, and especially in the development of the School Service. He became an Institute member in 1945, and

was elected an Honorary Life Member in 1970. In 1967 he agreed to act as one of the Sponsors for our Auditorium Appeal.

Dr Samuel L. Ludbrook, who died on 3rd July, 1976, had been closely associated with the Museum's work and especially with that of the Library. He was at the time of his death engaged in research on the Williams family records, using the large number of papers relating to the family held in the Museum archives.

We record also with regret the death on 26th September, 1976, of Professor K. E. Bullen, F.R.S., a distinguished former Auckland who had been Professor of Applied Mathematics at Sydney University from 1946 to 1971, and subsequently Professor Emeritus. Professor Bullen was well known as an authority on seismology, and was elected to Honorary Membership of the Royal Society of New Zealand in 1963. He delivered the Museum's Archey Lecture in June, 1975, while in New Zealand as Visiting Professor at the University of Auckland.

Gifts

Mention has been made above of the generous response of the Sir John Logan Campbell Trustees to our request for assistance in the establishment of a new multi-media presentation on Auckland's past and future environments. In December the Trust agreed, subject to Council finding other sources of funds to cover one half of the estimated cost of the installation (\$102,000), to provide as annual grants over the coming four-year period a total sum of \$51,000 i.e. one half of the present estimated cost; the Trust made an immediate grant of \$5,000 representing its contribution for 1976 towards the project.

At the same time we placed our plans for the project before the Auckland City Council, the Council responding most generously by agreeing to underwrite the proposal from its Improvement Trust Fund up to \$51,000 i.e. one half of the total estimated cost, at the rate of \$17,000 annually over a three-year period. The City Council's agreement was contingent, however, upon an invitation being sent to all Local Authorities in the metropolitan and provincial areas to make contributions, rather than that the full financial responsibility for the project should depend upon the Council: several Authorities have already, as mentioned above, indicated their intention to contribute, and it is hoped that substantial assistance will be available from this source.

A further addition was made this year by the Auckland Savings Bank to its long series of donations, the Bank's Board of Trustees contributing \$5,000 to the Window Replacement Appeal. We again have pleasure in recording our indebtedness to the Trustees both for this generous grant and for their past support.

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The Scientific Research Distribution Committee of the New Zealand Lottery Board of Control has agreed to meet the publication costs of a further issue in our *Bulletin* series, a grant of up to \$5,000 for *Bulletin* No. 11 (*A Synonymic Checklist of the Hexapoda of the New Zealand Sub-region*, by K. A. J. Wise) having been made available. Mr Wise's bulletin will probably appear in late 1977. We gladly acknowledge the continued support of the Committee, enabling us to issue the results of research work by our staff in this form. It should again be stressed that the continuation of our scientific publications is important not only in enabling the research concerned to be published, but also to provide for exchanges with other research institutions whose journals are essential for our Library.

A further Government grant of \$6,000, for the continuation of our programme of circulating exhibitions and staff training in the provincial area, was greatly appreciated.

We had much pleasure last year in thanking Mr T. E. Clark for enabling us to purchase an important Han jar for the Hall of Asian Art. This year Mr Clark has again most generously provided \$5,000 for the purchase of a Chinese storage jar of the Yuan Dynasty: details of this most welcome addition and of its significance in relation to the series shown in the Hall are given in Mr Bayliss' report. All members will wish to join in this expression of appreciation to Mr Clark, whose interest and practical assistance have so greatly enriched this section of our displays.

Two important bequests during the year of items for our Applied Arts collections are mentioned by Mr Bayliss. These are a fine collection of 18th century English table glass, bequeathed by Mr and Mrs G. F. A. Lewin; and two sterling silver mugs and a sterling silver Jean Gautier travelling watch bequeathed by Miss J. H. G. Gollan, of London. In addition, Miss Gollan's bequest included a monetary contribution to the Museum's funds of \$179.

Acknowledgement is also made of the receipt of \$600 due to the Museum following a life interest, as part of the bequest by the late Mr Charles V. Houghton.

We gratefully acknowledge monetary contributions received during the year from: Anthropology and Maori Studies Section, Auckland Maritime Society, Mr C. R. Bach, Carmel College, Mr B. E. Cox, Mrs J. A. Crum, Mr L. W. Davys, Miss J. Dingley, Mr M. R. Haase, Mr C. Haines, Dr D. M. Hanna, Mr B. A. Hayes, Howick Horticultural and Beautifying Society, Mr L. F. Johnstone, La Jolla University, Malcolm and Hansard Advertising Ltd, Miss Sybil Miller, New Zealand College of General Practitioners, New Zealand Institute of Chemistry, Mr P. A. Tattersfield and the Tahuna Lions Club, together with three anonymous donations.

Local Authority Contributions

Metropolitan Statutory —

Auckland City	122,043.76
Birkenhead Borough	4,428.87
Devonport Borough	6,437.10
East Coast Bays City	6,544.44
Ellerslie Borough	3,120.87
Glen Eden Borough	1,961.79
Helensville Borough	285.29
Henderson Borough	4,673.71
Howick Borough	7,935.02
Manukau City	36,054.21
Mt Albert Borough	6,642.11
Mt Eden Borough	10,749.55
Mt Roskill Borough	10,493.18
Mt Wellington Borough	8,433.20
New Lynn Borough	6,325.89
Newmarket Borough	2,259.83
Northcote Borough	2,776.80
Onehunga Borough	8,518.10
One Tree Hill Borough	12,095.10
Otahuhu Borough	5,927.97
Papakura City	10,365.72
Papatoetoe City	11,749.94
Takapuna City	24,504.88
Waitemata City	20,308.27
	<hr/>
	334,635.60

Provincial: Statutory —

Hobson County	1,470.81
Hokiang County	77.54
Huntly Borough	1,127.66
Kaikohe Borough	74.66
Kaitia Borough	43.96
Kawerau Borough	276.31
Mangonui County	103.53
Murupara Borough	17.71
Ngaruawahia Borough	393.32
Putaruru Borough	207.10
Rodney County	15,025.94
Rotorua City	1,850.69

Taumarunui Borough	150.45
Taupo Borough	428.57
Waiheke County	987.07
Waitomo District (Urban Division)	280.60
Waiuku Borough	515.68
Warkworth Town	421.49
Whangarei City	6,841.37
Whangaroa County	69.94
	<hr/>
	30,364.40

Provincial: Voluntary —

Cambridge Borough	100.00
Franklin County	1,200.00
Hauraki Plains County	100.00
Hikurangi Town	40.00
Matamata Borough	50.00
Matamata County	750.00
Morrinsville Borough	75.00
Opoiki County	20.00
Otorohanga County	370.00
Paeroa Borough	85.00
Pukekohe Borough	400.00
Raglan County	200.00
Rotorua County 1975/76	360.84
	1976/77
Tauranga City	200.00
Tauranga County	200.00
Te Puke Borough	50.00
Tokoroa Borough	100.00
Tuakau Borough	100.00
Waikato County	250.00
Waikato County	300.00
Waipa County	125.00
Waitomo District (Rural Division)	169.40
Whakatane District	700.00
	<hr/>
	6,306.08

ANZAAS Congress 1979

After much discussion of possible locations in New Zealand, the President of the Royal Society of New Zealand, Sir Malcolm Burns, asked us in consultation with the University of Auckland to consider organising the Congress in Auckland. The agreement of the University having been obtained, we recommended that a formal invitation should be extended by the ANZAAS Council to the University, and indicated that the fullest possible co-operation would be provided by the Institute and Museum in its capacity as the Auckland branch of the Royal Society of New Zealand. A Congress Organising Committee has now been set up by the Council of the University of Auckland under the chairmanship of Professor P. N. Tarling. Dr P. J. Brook and Dr J. Rogers have been appointed to the Committee as our Council's representatives.

Conservation

The Conservation Committee under Dr Robertson's chairmanship devoted considerable effort during the year to discussing the

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Waitemata Harbour Study Draft Plan, detailed comments on a number of sections being drawn up. Our submissions were later placed before the formal public hearing on the Plan by the Committee representing the Auckland Harbour Board and Auckland Regional Authority.

Attendances

Our annual rate of increase again shows a tendency to decline in comparison with the extremely buoyant upward trend of the early 1970's — there has, nevertheless, been a most satisfactory increase over last year's figures (attendances shown are for 1st April - 31st March):

1971 - 72:	734,808
1972 - 73:	1,034,818
1973 - 74:	1,370,646
1974 - 75:	1,640,552
1975 - 76:	1,780,563
1976 - 77:	1,804,947

May I, in conclusion, express on behalf of members our congratulations to Mr Turbott and his staff on the work achieved during the year.

J. D. ATKINSON

Chairman of the Trust Board

The Board has continued to attend to the revision of leases and rentals, and to re-investment, as required. While further enquiry has been made concerning the erection of a building on one of the Vaile Endowment properties on a lease-back basis, no suitable tenant for the proposed development has yet been found. However, in the meantime the income available for purchases, and for the work of the Museum's archaeological Department, is being maintained at a most satisfactory level.

The Board has also made enquiries concerning its powers to offer its properties under Glasgow lease. With a view to this possibility arrangements are now in progress to have the Board declared a leasing authority under the Public Bodies Leases Act.

Mr R. C. H. Hensen, who following his retirement from the staff in 1972 continued to supervise maintenance work on our properties, retired from his post during the year. All supervision is accordingly now in the hands of Messrs Samuel Vaile and Sons Ltd as the Board's agents. The Board has greatly appreciated the personal care and skilled attention given to the properties over a number of years by Mr Hensen, and extends its best wishes to him on his retirement.

The total of invested funds is now \$454,036

KENNETH B. MYERS

Director

Institute Meetings

The Monday evening lecture series again proved most successful, with an average attendance of 215. We have pleasure in thanking the contributors to the series: Mr W. O. Cernohorsky, "The Natural History of Coral Reefs"; Mr R. M. Lockley, "The World of Birds"; Dr Philippa M. Black, "Unusual and Economic Minerals of the Auckland Area"; Associate Professor J. D. Wilson, "Immunology: the Science of Self-defence" (Annual Medical Association Lecture); Dr R. L. Bielecki, "Scientists in the Strawberry Patch — Can we Spray for Them!" (D.S.I.R. Jubilee Lecture); Professor W. K. Lacey, "Ancient Art and Ancient Life"; Lady Fox, "The Archaeology of Auckland's Volcanic Cones" (Roger Buddle Memorial Lecture, in association with the Anthropology and Maori Studies Section).

The Archey Lecture for senior post-primary science students was delivered on 13th July by Dr David Kear, B.Sc.(Eng.), B.Sc., Ph.D.(Lond.), F.R.S.N.Z., A.R.S.M., M.A.I.M.M., on "Geology for Work and Pleasure". The lecture was attended by approximately 420 students representing most metropolitan post-primary schools — our thanks are again due to the Auckland Science Teachers' Association for arranging for participation by the schools concerned.

Display Halls

The main project completed during the year has been the re-organisation of the Hall of Fishes and Whales. Mr Stephenson, in co-operation with Mr Bayliss and the Display Department, has carried out a re-grouping of the existing collections to improve their interest and value for identification for school classes and general visitors, as well as for special groups such as skin divers. Mr Bayliss' design for the re-alignment of the cases has provided for easy reference, while the installation of sliding plate glass fronts has greatly improved access to the displays; background colour and lighting are appropriate to the ecological groupings used (*see front cover*). The headings finally used were: "Fishes of Auckland Waters" (three panels), "Deep Water Fishes", "Oceanic Fishes", "Inshore Fishes", "Sharks and Rays" and "Fish Adaptations". Details of the plan for the Hall have been given by Mr Stephenson in past Annual Reports.

A second main effort this year has been the complete reorganisation — the project is still in progress — of the Hall of the Pacific. It has been clear for some time that the Hall would require extensive modification if it were to provide an adequate setting for our exceptional collection of Pacific art. Mr Bayliss, working in co-operation with Mr Simmons, is reorganising the Hall by removing alternate pier cases and re-siting these as free-standing island cases, the rearrangement enabling material, and especially the larger items such as sculptures, to be seen to the best effect from most points in the



Visitors listening to Mr Simmons' taped introduction in the Maori Court

Vahry photo

Hall. Mr Bayliss has chosen a steel-blue linoleum to replace the much-deteriorated original floor covering and this, again, has greatly improved the general effect. The Hall will be curtained, as in the case of the Hall of Asian Art, the restricted daylight enabling appropriate case lighting and spot-lighting to be used. The grouping of the displays, as in the original arrangement of the Hall, is geographical, but the opportunity has been taken to incorporate new material or to substitute material not previously shown.

Two installations under the Government grant scheme mentioned in the 1975-76 Report, Mr Simmons' taped introduction to the Maori Court, and the *waiata* broadcast in the meeting house, may be mentioned again this year in view of their continued popularity with visitors. The talk, heard from four synchronised speakers in the back of an upholstered seat, opens with a traditional formal greeting in Maori and English, and is in almost continuous use (*see illustration*). As regards the *waiata*, the translations prepared by Mr Simmons (*see*

last year's Report, pages 79-80) have proved most popular, and have, in fact, required reprinting during the year.

Finally, we have appreciated the opportunity to show as a temporary exhibit a maritime item of special interest, one of the three large anchors lost by Jean de Surville's ship *St Jean Baptiste* in Doubtless Bay on 27th December, 1769. The anchor (14 feet 6 inches in length, 9 feet 6 inches across the flukes) was discovered on the sea floor in January, 1974, by Mr Kelly Tarlton, of Waitangi, and later presented by him to the New Zealand Government: it is to be shown permanently in the National Museum, Wellington. A second anchor, found by Mr M. Bearsley in March, 1974, is on exhibition in the Far North Regional Museum, Kaitiaki. Our thanks are due to the Hon. Minister of Internal Affairs, Mr A. Highet, for giving us the opportunity to show the first anchor for a six-month period.

"Auckland — Past and Future Landscapes"

The year has also seen the initiation of plans for a substantial addition to the permanent gallery displays, a multi-media presentation which will occupy a little under half of the Cheeseman Hall, to be entitled "Auckland — Past and Future Landscapes". The installation — planned to occupy some 2000 square feet — will lead the visitor through a series of displays dealing with the geological origin of the Auckland area, its human history and the future of the environment. The project will require the co-ordination of scientific advice in the disciplines concerned with a wide range of display skills; it will, it is hoped, be possible to employ many of the modern electronic and audio-visual display techniques now familiar in such installations overseas.

The estimated cost of the proposed installation, as given by the President in his report above, includes the full cost of art work, typography, construction, etc., to be contracted out since these would be beyond the capacity of our comparatively small Display Department. It is hoped that in this way while the Museum's own staff — both curatorial and display staff — will be able to participate and co-operate at all stages, general Museum projects will be able to proceed without undue interruption during the installation period. It may be noted that the portion of the Cheeseman Hall (set aside for New Zealand Botany and general natural history) not occupied by the new installation will be available for displays to be developed later on specific aspects of New Zealand botany.

It is proposed to subdivide the installation into the following main sections and individual topics:

A. BIRTH OF THE LANDSCAPE

- (1) *The Origin of the Earth, and of the Continents and Oceans; Continental Drift; the Origin of New Zealand*

- (2) *The Developing Landscape of Auckland — Ancient Period (up to 12,000 - 20,000 Years Ago)*

Consolidation after separation of New Zealand from neighbouring lands; arrival of first plants and animals; fluctuations of sea level; glaciation.

- (3) *The Developing Landscape of Auckland — More Recent Period (12,000 Years Ago to the Present)*

Colonisation of the now more or less stabilised land area by "island-hopping" and dispersal across the sea; evolution of present-day forms. Auckland's volcanoes and their effect upon plant and animal life. The final product — kauri-podocarp forest, pohutukawas, etc.

B. CHANGES BROUGHT ABOUT BY MAN

- (4) *Polynesian Man: 800-1769 A.D.*

Reduction of forest: extinction of moas.

- (5) *European Man: 1769-Present*

Agriculture, forestry, urban development.

C. PLANNING FOR THE FUTURE

- (6) *Pollution Control*

Including sewage disposal, pure water supply, etc.

- (7) *Conservation and Wildlife Preservation*

Based upon one or more outstanding examples.

- (8) *Urban and Rural Planning*

To include both the limitation of urban development, and the concept of control of growth of total population.

It may be noted that while the installation, as indicated by its main title, has been planned to have an essentially local flavour, the themes dealt with will in many instances require comparison with similar phenomena in a wider area e.g. volcanic phenomena with Rotorua. It is hoped, too, that the installation will provide a central theme to which it will be possible to relate developments in our other Halls, and especially in the natural history Halls.

Museum Conservation Seminar

The opportunity was taken by a group of seven members of our staff to attend the workshop seminar on Museum Conservation organised by the Auckland University Centre for Continuing Education from 8th-10th July. The seminar, which was supervised by Professor R. C. Green and Mr K. M. Peters (both of the University's Anthropology Department), dealt with "first-aid" conservation and housing aspects of collections, rather than major technical problems. These, however, affect day-to-day curatorship in most departments, and the experience gained in the course has greatly assisted in our consideration of a number of problems affecting our collections of both artifacts and archives. It is hoped that submissions to the Government

by the Art Galleries and Museums Associations of New Zealand will result in the provision of improved conservation facilities in New Zealand museums generally, and possibly in the establishment in due course of a national conservation research unit.

Publications

The *Records* this year (Vol. 13: date of publication 10th December, 1976) contained the following:

- "Additional evidence from the excavations at Skipper's Ridge, (N40/7), Opito, Coromandel Peninsula", by Janet M. Davidson.
- "A Nukuoro fishing kit in the Pitt Rivers Museum, Oxford", by Janet M. Davidson.
- "Pa and other sites in the Parua Bay District, Whangaroa, Northland", by Aileen Fox.
- "Whakamoenga Cave, Taupo, N94/7. A report on the ecology, economy, and stratigraphy", by Anne Leahy.
- "The Tahanga Basalt: an important resource in North Island prehistory", by P. R. Moore.
- "New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium 2", by E. B. Bangerter.
- "Notes on the Cheeseman Herbarium Part 3. Exchange with Australian herbaria from before 1900 to 1923", by Jeanne H. Goulding.
- "Rediscovery of *Gonocarpus trichostachyus* (Haloragaceae)", by A. E. Orchard.
- "The taxonomy of some Indo-Pacific Mollusca. Part 4. With descriptions of new taxa and remarks on *Nassarius coppingeri* (Smith)", by W. O. Cernohorsky.
- "Notes on the taxonomy of Indo-Pacific Terebridae (Mollusca: Gastropoda), with description of a new species", by W. O. Cernohorsky and T. Bratcher.
- "On the considerable influx of warm water molluscs that have invaded northern New Zealand waters within recent years", by A. W. B. Powell.
- "Gill damage in fish produced by buccal parasites", by A. B. Stephenson.

An excellent standard was again achieved by Mr Wise, as Editor. Our thanks are due also to the members of the Editorial Committee who assisted Mr Wise with the issue: Professor R. C. Green (Anthropology), Professor F. J. Newhook (Botany) and Associate-Professor Joan Robb (Zoology).

E. G. TURBOTT

Anthropology and Maori Studies Section

Although membership numbers are low the Section remains steady and meetings have been well attended.

The year's activities started in June with a work-day in the Museum arranged by Mr Simmons. In July Agnes Sullivan spoke to members on the "Stone Walled Gardens of Wiri" and this well attended meeting was followed by an excellent field trip to Wiri. Guided by Mrs Sullivan members were able to appreciate and relate better to the area and its history having had the introductory lecture. People and places of New Guinea were the subjects of an August meeting given by Mrs Sylvia Reed, followed in October by a very comprehensive talk on the archaeological digging, research and discoveries of the 'Kohika' site at Matata, Bay of Plenty, by Mr G. Irwin, of the University Anthropology Department. The year's activities ended in November with the Roger Buddle Memorial Lecture, conducted in association with the Museum, when Lady Fox spoke on "The Archaeology of Auckland's Volcanic Cones" to a large audience in the auditorium. Lady Fox emphasised the challenge presented to archaeologists by the Maori pa of Auckland and she was able to explain the implications of archaeological chronology for traditional tribal history and to give a fresh appraisal based on field work and the study of air photographs.

Officers of the Section for 1977 are: Chairman, Mr J. P. Webster; Secretary, Mr S. Hartley; Treasurer, Mr E. Grimes; Committee, Mr R. Cartwright, Mr J. Diamond, Mrs E. Gatenby, Prof. R. C. Green, Miss I. Hamilton, Mr D. Simmons, Mr F. Simpson, Mr N. Wickham.

J. P. WEBSTER

Astronomical Section (Auckland Astronomical Society)

The past year has been perhaps the quietest for some time — the weather for most of the year was most unsuitable for astronomical observation, and this was reflected in the number of observations made. The programmes on dwarf novae, red stars and sequences were continued.

The Society's activities were confined to the monthly meetings. Members have continued conducting the public night, group night and daytime school sessions. The Society will greatly miss the contribution of Mrs Stewart to the Junior Section, and of Mr Menzies to the sequence programme.

Officers for 1977 are: President, Mr B. F. Marino; Vice-President, Mr G. Blow; Secretary, Mrs R. Tyson; Librarian, Mr K. Barrow; Editor, Mr Martin Adams; Treasurer, Mr N. S. G. Walker; Curator of Instruments, Mr D. C. Fisher; Council, Mrs N. Dyson, Mr R. Hull, Mr E. Hanham.

M. I. FISHER

Conchology Section

The Section has experienced an active and rewarding year, with well attended monthly meetings and several weekend trips to northern beaches. Guest speakers have addressed us on a wide range of topics related to malacology, and at each meeting members have displayed shells of special interest collected here or overseas.

Membership has shown a steady increase, and now stands at 354. A great many members live outside the city, and every effort is made to involve them in the Section's activities by sending out books from our own library, by answering enquiries on molluscs and with the identification of specimens found in their respective areas. This latter service is freely patronised, with 420 lots, mostly minutae, having been dealt with during the first three months of this year.

The highlight of the Section's activities for the year was a molluscan Symposium held in the Museum on the 2nd and 3rd of October. This was the first of its kind to be held in this country, and was a great success. Our thanks are due to the Director and Staff of the Museum for their co-operation in making facilities available to us, and to Dr J. D. Atkinson, President of the Museum, who opened the proceedings. The Section is also indebted to the distinguished panel who participated and in many cases travelled considerable distances to attend. Of the seven original Club members, four managed to come.

"Poirieria", our quarterly publication which has a wide range of articles dealing with Mollusca, is still meeting with increasing demand both here and overseas. *Bulletin* No. 2 (New Series) of the Conchology Section, containing well illustrated original papers of scientific interest, is now being prepared for publication.

A survey of the native land snails of Rangitoto Island, with their distribution, is nearing completion and this will be compared with the results of an earlier survey undertaken in 1948.

We would like to express our thanks to the Museum authorities, to Mr W. O. Cernohorsky, Malacologist, and Dr A. W. B. Powell, Research Associate, for making facilities available to us for our meetings and providing display material from the Museum collections.

Officers of the Section for 1977 are: Patron, Dr A. W. B. Powell; Vice-patrons, Mr W. O. Cernohorsky, Professor J. E. Morton; President, Mr N. W. Gardner; Corresponding Secretary, Mrs E. N. Gardner; Minute Secretary, Mr R. C. Willan; Treasurer, Mr D. Lamb.

N. GARDNER

Maritime Section (Auckland Maritime Society)

The past year has been a relatively quiet one for the Auckland Maritime Society. One important step was the move into new rooms.

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Meetings are now held in the Seafarers' Centre in Quay Street and the Society is deeply appreciative of the accommodation given by the Flying Angel Mission to Seamen in providing such up-to-date premises close to the waterfront.

Four guest speakers have addressed meetings of the Society during the last twelve months. In March, Mr O. R. Barlow spoke of his early years in the Bibby Line, trading to Burma, and in June Mr I. H. Driscoll gave a most informative talk about his services in ships of the Orient and Union Castle lines, as well as his experiences in pioneer aviation. The author of "Phantom Fleet", Ted Ashby, related some of his memories of the Auckland scows, in October, and another well-known personality of Auckland's waterfront, Mr Harry Julian, gave a most entertaining account of his towing and salvage work to the February meeting.

Other programmes of interest were supplied by members. In August a panel comprising Captain Carter, Mr Latch, Miss Hamilton, Mr Drummond and Mr Perkins spoke about "My Favourite Ship"; this feature was well-received. Mr W. A. Laxon presented a slide show on behalf of Mr John McRoberts, of Wallasey, Liverpool, entitled "Liverpool's Golden Age of Shipping — 1900-1939" at the September meeting and gave a commentary to the World Ship Society slide show "The Port of Montreal" at the November meeting.

There were two ship-visits during the year, to the *Shinsakura Maru* on 27 July, and to the *Tropic* on 2 October, but no excursion trips.

A dinner was held at the Esplanade Hotel, Devonport, and attended by 50 members on the night of 13 October. Mr C. W. Hawkins gave a brief talk about shipbuilding in the early days of Devonport.

During the year the Society lost one of its most active members through the death of Mrs M. Pollard.

1976 saw the completion of the editing and sorting of over 127,000 record cards in the Wharton Collection, much of this work being carried out by members under the direction and guidance of Mr N. A. Maffey and Mr W. A. Laxon. More work remains to be done on the Society's records, but a useful reference section is now in the process of formation.

Officers of the Society were: Patron, Mr J. A. MacConochie; Chairman, Mr N. A. Maffey; Secretary-Treasurer, Mr C. A. Furniss; Committee, Mrs M. Furniss, Messrs N. Baker, D. N. Brigham, R. M. Densem, W. A. Laxon, F. K. Slattery (assisting Treasurer) and R. M. Watt.

C. A. FURNISS

Assistant Director, Curator of Display and of Applied Arts

The collections of Applied Arts have benefitted this year by some outstanding gifts, purchases and deposits. For the Disney Art



Yuan Dynasty storage jar: gift of
Mr T. E. Clark

Trust the main purchase was a 13th century Kendi, lead glazed in T'ang style, and exported from China to the Philippines at that particular time. This piece is in perfect condition and forms an important link in Chinese ceramics. Also purchased for the Trust were two Sung Dynasty celadons; a Han Dynasty lidded jar; a very fine English silver-mounted glass decanter and goblets of the Art Nouveau period; studio pottery by Caiger-Smith, and leading New Zealand potters; and a Japanese wedding kimono.

Two extremely important Chinese storage jars of the Yuan Dynasty have been added to the collection; these jars are 50 cm high and have T'ang type lead glazes. These jars were offered to us for \$5,000 each and through the generosity of Mr T. E. Clark we were able to purchase one. This is the second year in succession that Mr Clark has enabled us to purchase items that have filled an important place in our collections. The other jar was purchased by the

Mackelvie Trust and deposited in the Museum to add to their, large and varied deposits.

We were also fortunate to receive a fine collection of English 18th century table glass from the Estate of Mr and Mrs Lewin, and silver of the 17th and 18th centuries bequeathed by Miss J. H. G. Gollan, of London.

Dr David Smith is putting into first-class order our collection of clocks and their records. The Museum has in its possession many very rare and important clocks. Dr Smith has attained considerable expertise in this field, and has contacts with horologists in some of the great overseas collections.

Mrs Judy Smith continues to build up our collection of textiles which though not large is interesting and contains a fair amount of important material. It might be of interest that the illustration on the dust jacket and in the text of a book recently published in Eng-

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land, "A World of Embroidery" by Mary Gostelow, was from our collection.

Mr Ross-Lowe continues his never-ending care of the furniture and he and Mrs Smith have given several gallery lectures during the year.

The armoury has been shifted to more suitable quarters. Mr Wadham is looking after the firearms and Mr Cull will continue putting the sword collection in order.

The Display Department has had a busy year, the main effort being the World Craft Exhibition. This was the last exhibition in which Mrs Betty Brookes took part before her retirement. I have worked in display with Mrs Brookes for nearly twenty years and without her vigour and verve the Museum is not the same. She had a tremendous capacity for seizing a task by the scruff of the neck and hammering it to a successful conclusion.

We are fortunate to have, however, an equally brilliant letterer for our labels, Miss Bertrand, who is able to maintain the standard of labelling for which this Museum is noted.

Mrs McBirney continues to maintain Colonial Street as well as cataloguing and cleaning the many thousands of Applied Arts objects and their cases.

The Hall of the Pacific is well under way and all the cases are in position, with half of the displays completed. Mr McGillivray hopes to have the cabinetmaking completed by June. Not only is the Hall being re-arranged but a major change in emphasis has taken place. The objects included, although shown in their ethnographic context, have been selected and displayed in the new Hall primarily for their quality, their craftsmanship and art value. These are the fine craft objects of the Pacific that we have at last come to judge in the same way we judge a Russian Ikon, a Rodin bronze, a Gandharan sculpture or a Chinese jade pendant.

Among all the exhibitions of the year the one that gave me the greatest personal satisfaction was "Bowls of the Pacific". The large number of wooden and ceramic bowls were almost entirely from the Ethnology Reserve Collection. The quality of these bowls was superb and it is some measure of the extent of the collection that Mr Simmons could have selected for me another almost equally good exhibition and still have left a large amount of material on the shelves.

T. J. BAYLISS

Ethnologist

Recording of marae and meeting houses in the Tai Tokerau area, the major field work project undertaken over the last three years, has now been completed. Marae in the Mangonui, Whangaroa

and Kerikeri counties belonging to the Ngati Kahu, Ngati Ruamahue, Ngati Rua, Ngati Whakaeke, Ngati Uru, Ngati Pakahi, Te Haawai, Ngati Rehiamatamomoe and Ngaitupango tribes have now been visited. The total number of marae recorded with houses standing is two hundred and twenty. Old marae which no longer have buildings on them are one hundred and fifty.

A pattern which emerged in many areas was that of dwelling houses being used for *tangi*, often with temporary or permanent kitchens in a separate building and temporary accommodation provided in nikau houses or in tents in more modern times. These houses were usually those of people of *mana* in the district. In most of these, if the house was big enough, one room was kept as a parlour where the bodies lay in state. These rooms usually have a separate door. In smaller houses the front room, or in one-roomed houses, the only room, was used for the lying in state. Most of the houses are now disused and replaced by a meeting house. In some instances all the local people have left the area, leaving houses, used for *tangi* in the past, to the elements. This also applies to some actual meeting houses where all or nearly all the local people have migrated to the towns.

The next stage of the project is to comb historical records, old photographs, maps and other sources for references to marae or villages which existed in the past. The former houses which stood at Whangaruru (Bland Bay), Tuparehuia and the later Te Rangimarie, were almost certainly photographed as they were standing in the 1940's. The importance of even general photographs of an area being preserved in a library is stressed by a study such as this. I would ask anyone who has photographs showing old marae to bring them in to the Library for copying.

It is hoped that a final draft manuscript on "The Meeting Houses of Te Tai Rawhiti (the East Coast)" at present being studied by the Tai Rawhiti District Maori Council will be published during the year.

Work is continuing on the definition of regional styles in Maori woodcarving. The project has been greatly assisted through reference to the "Gilbert Archey Annotated Photographic Series", a collection of 32 volumes of photographs obtained or taken by the late Sir Gilbert Archey in museums and private collections around the world; the collection contains more than one thousand photographs with notes by Sir Gilbert.

Preliminary work on the definition of the carving styles was included in last year's travelling exhibition on "Regional Variation in Maori Carving" prepared in co-operation with Mr Bayliss. This has now been extended in a series of lectures to the Centre for Continuing Education, University of Auckland, of which the following outline may be of interest:

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1. The origins of Polynesian Art: the archaeological and linguistic data for the origin of Polynesian art forms in Lapita pottery decoration as found in the Solomons, New Hebrides, New Caledonia, Fiji and Tonga.
2. Polynesian to Maori: the various Polynesian art forms and their relationship with the prime pieces of early Polynesian work in New Zealand, Uenuku in Te Awamutu Museum, a canoe prow in Taranaki Museum, the Kaitaia carving and the Katikati bird bowl in Auckland Museum — these represent the varied forms of early Polynesian art which has now been lost in the Pacific. The change from geometric to curvilinear art as the art developed in New Zealand.
3. General principles of style differentiation: the broad divisions between stone-tooled serpentine body styles and the later square-bodied styles, and a subsequent change from curvilinear body forms to the more square styles which was taking place at the time of European contact.
4. The serpentine styles: three closely related styles. The Northern serpentine style of the Hokianga and Kaipara areas.
5. Serpentine style of Hauraki.
6. Serpentine style of Taranaki, with northern, central and southern Taranaki forms.
7. Square styles: Bay of Islands, Whangarei, Northland, East Coast, Auckland, Waikato and Whanganui styles and forms.
8. Square styles of East Cape, East Coast, Hawkes Bay, Manawatu, Marlborough, Nelson, Canterbury and Murihiku (Otago-Southland).
9. Square styles of Rotorua, Bay of Plenty and Taupo.
10. Square styles of Bay of Plenty and Urewera, and general conclusions.

Activities undertaken during the year have been 42 lectures, five tours of the Museum halls, three tours of the volcanic cones of Auckland, three radio interviews and two TV interviews. I attended marae functions outside Auckland on behalf of the Museum on six occasions: these were apart from normal marae committee meetings and other functions on the Auckland marae. Three displays were arranged for outside organisations, the most notable being the provision of ancient Polynesian clothing, artifacts and assistance for a function of the Pacific Women's Council. My attendance was also required at Town Planning hearings on behalf of some of the projected marae. Two newspaper articles were published in the *Star* and *Herald* and background information provided for a number of articles written by staff writers.

The implementation of the Antiquities Act and of the Historic Places Trust Amendment Act in 1976 has placed an additional

work load on the Ethnology Department. The employment of Mrs D. McVicker as secretarial assistant under a grant made by the Internal Affairs Department has alleviated this problem to a certain extent; Mrs McVicker is also assisting with the flow of typed material, giving the Ethnologist more time to undertake his duties under the Antiquities Act.

Two large collections of Papua-New Guinea material have been purchased for the E. E. Vaile Collection. An extremely important further item purchased for the Collection is a prehistoric Maori chief's *tokotoko* or talking staff. A bailer probably of local manufacture was purchased at the same time; the carving on this item has relationships with Northland styles but is unique in itself.

Mrs N. Arthur during the year has catalogued some 700 items.

D. R. SIMMONS

E. Earle Vaile Archaeologist

Lady Fox was Acting Archaeologist during the first part of the year, until my return from England in October. Her work during my absence on leave and her advice and assistance since my return have been very much appreciated.

In May, the Museum sponsored a small excavation by S. Edson and Dorothy Brown at Hahei Beach, Coromandel, where remains of burials had been exposed during subdivision. Two ivory reel necklaces with central cetacean tooth pendants had been recovered and presented to the Museum by Mr B. Phillips, indicating that the interments were of early date, similar to those at Wairau Bar. Unfortunately, the burial place had been deeply disturbed but useful observations of stratigraphy were made and a variety of material collected. Although I have undertaken no excavations since my return, specialist analysis of material from earlier excavations on Motutapu Island and elsewhere continues to provide important new information. Lady Fox has completed her final report on the excavations at Te Awanga, which will be published as a monograph by the New Zealand Archaeological Association.

I completed my two long-term site recording projects with field trips to Motutapu Island and the Far North during the summer. Lady Fox continued her field work in Hawkes Bay and has furnished a report to the New Zealand Historic Places Trust. Both Lady Fox and myself have made numerous smaller field trips to sites in various parts of the Auckland region.

During the year, Mr S. Edson was seconded to the Museum under the Labour Department's special employment scheme to work under the direction of Lady Fox on site recording in the west of the Coromandel Peninsula. As a result, 86 sites were added to the New

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Zealand Archaeological Association's Auckland file, maintained at the Museum. Mr Edson left in October to take up an appointment at the Waikato Art Museum. Miss Mary Newman, who is employed by the New Zealand Historic Places Trust to write a full report on the archaeological programme of the Tongariro Power Development Scheme, has been working in the Museum under my general direction.

When the Historic Places Amendment Act (1975) came into effect on April 1st, 1976, the New Zealand Historic Places Trust assumed legal responsibility for the protection of archaeological sites. In particular, notification of the existence of sites to Local Bodies for inclusion in District Planning Schemes became the province of the Trust. Nonetheless, there is still a need for local vigilance and the Museum Archaeologist must continue to be involved in many aspects of site protection and management. Lady Fox reported on proposed industrial developments on Hamlins Hill and housing on the slopes of Mt St John which would have damaged important archaeological sites. She presented evidence before the Franklin County Council concerning the minor sites at Waiau Pa which would need archaeological investigation if the Thermal Power Station were to be built there. She also presented the case on behalf of the Museum for the preservation of the remainder of the pa on Elletts Mountain, Ihumatao, to the Manukau City Town Planning Committee and subsequently before the Town and Country Planning Appeal Board. Lady Fox has also been much involved in the management of Auckland's volcanic cones, and supplied texts for signs to inform visitors about Maori earthworks on One Tree Hill and Mount Eden to the respective Borough Councils. The signs are now in place. Since my return I have had discussions with officers of Lands and Survey Department, Forest Service, Mount Eden and Mount Wellington Boroughs, Rodney County and Auckland and Manukau City Councils, about site protection and management.

As in previous summers, the Museum Archaeologist has been responsible for arranging and supervising site recording projects carried out by senior students and others on behalf of the Historic Places Trust, Lands and Survey Department and Forest Service.

Lady Fox gave the Roger Buddle Memorial Lecture, speaking on "The Archaeology of Auckland's Volcanic Cones". She participated in the UNESCO South Pacific Workshop on the means of protection of cultural properties and spoke about the role of Museums in archaeology and about site recording methods.

During my absence, Professor Green deputized for me as New Zealand Archaeological Association representative on the New Zealand Historic Places Trust. I have resumed this position and been appointed Chairman of the Trust's Archaeology Committee, of which Lady Fox is also a member, as well as serving on the Trust's Maori Buildings Committee. I was elected a Vice-President of the New Zealand Archaeological Association, and have recently been appointed

to the Bay of Islands Maritime and Historic Park Interim Advisory Committee, as representative of the Historic Places Trust.

JANET M. DAVIDSON

Botanist

After the extensive period of field studies in 1975-76 it has been necessary to devote most of the present year to working my way through the collections which had accumulated. The only major field work undertaken has been a three-week survey of *Myriophyllum* and *Gunnera* in the southern sections of New Zealand during February-March, 1977; this involved study of populations in the Waikato, Wairarapa, Canterbury and the West Coast of the South Island. The field work of the last two summers has thus provided a series of collections of the above genera from New Zealand, Australia and Papua New Guinea, which should enable me to complete my revision of Australasian Haloragaceae by the end of this year.

In May 1976, with the assistance of a grant-in-aid from the Royal Society of New Zealand, I attended the 47th ANZAAS Congress in Hobart. During the Congress I presented a paper "Biogeography of the Haloragaceae" in a symposium on Plant Biogeography, and attended the annual meeting of the ANZAAS Systematic Botany Committee, of which I had been elected a member at the previous Congress.

During August I acted as one of the three judges in the Nature Section of the 1976 New Zealand International Photographic Exhibition. The winning prints and slides from this competition were later exhibited at the Museum.

As in previous years, I have again lectured to students at the Botany Department, University of Auckland, on aspects of Plant Systematics and Nomenclature. In addition, in September I gave an illustrated lecture to the Auckland Botanical Society on "Wildflowers of Western Australia". Two months earlier, Mr Bangerter addressed this Society on "Adventive Plants".

Over the past year the Department has maintained a table of native plants in the Botany Hall. At first the display was composed mainly of cut specimens of flowering trees and shrubs, but more recently, we have been building up a collection of both woody and herbaceous plants in pots. These are more satisfactory for display, as many native plants do not last well as cut specimens in water; in the intervals while not on display, the plants are kept in the Museum courtyard, where a small shade house has been constructed.

As mentioned earlier, my research during the year has been a continuation of my studies of the family Haloragaceae, mainly involving the genus *Myriophyllum*. Mr Bangerter has continued his investigations of the weedy flora, with the second part of his "New



Dr Orchard and Miss Goulding transferring native plants to the shade house after showing in the Botany Hall

Vahry photo

and interesting records. . ." papers appearing in last year's *Records*, and the third part almost completed. Miss Goulding had the third of her series of papers on the history of our older collections published in the last *Records*, and is preparing another paper on the life and times of Eric Craig, an early Auckland naturalist.

Our exchange programme with other herbaria continues to function well. During the last 12 months we have received nearly 1200 collections from Europe, North and South America, and Australia. It has also been a busy year for loans, with requests coming from research workers in Australia and Denmark, as well as numerous enquiries from botanists within New Zealand.

A. E. ORCHARD

Entomologist

The Annual Conference of the Entomological Society of New Zealand was held in Auckland in May, 1976, and several visiting

entomologists took the opportunity to examine sections of our collections.

Mrs J. Gurr has done a considerable amount of labelling and sorting of specimens and continues to assist in curatorial work.

Several collections of Collembola and Trichoptera sent to me in previous years for identification and research purposes, have been examined, recorded, checked and returned to the lending institutions.

Compilation of the list of New Zealand Hexapoda (insects) to be published as *Bulletin* No. 11 has again occupied most of my time during the year. Completion of the list of smaller Orders became the main target and it was clear that this portion of the work should be published as soon as possible on account of the size, cost, and difficulty of keeping up-to-date, and to make the information available to others. The Scientific Research Distribution Committee, New Zealand Lottery Board of Control, has generously made a grant of \$5,000 to cover the cost of publication and this is very much appreciated. The manuscript has been finalised to the end of 1976 and is now in the hands of the printers who are currently producing galley proofs. The list has approximately 8500 entries which include present and past names, and references, for insect species and references to distribution. It is now over 200 years since the first descriptions of New Zealand insects were made and the last published list appeared in 1904. It is expected that the present list will be a ready and useful reference work for both professional and amateur entomologists, and others who come into contact with insects in their own fields of interest or research.

Volume 13 of the *Records* was published on 10 December, 1976. We are grateful to Mr P. Morris for inviting interested members of our staff to visit the Unity Press printing works at the time of printing, and to see some of the processes involved up to publication.

K. A. J. WISE

Malacologist

The Department has continued to provide services to the public with identifications, advice on cleaning, collecting and preserving specimens, scientific literature and other pertinent information. I am grateful to Dr A. W. B. Powell for his continued assistance with enquiries relating to New Zealand Mollusca.

Collections totalling nearly 8,000 specimens have been received for identification from the Oceanographic Institute of Marseille University, the National Science Museum, Tokyo, the Smithsonian Institution, the Tel-Aviv Museum, Canterbury University and the Anthropology Department of Auckland University. In addition, Mollusca dredged in deeper water in the Hawaiian Islands, the Solomons, New

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Britain, Tahiti, Hong Kong and the Seychelles Islands have been examined; these lots contained several new species which are in the process of being described as new to science. Assistance with taxonomic and related problems has been given to Dr Subba Rao, Zoological Survey of India, Calcutta, Ms P. Swadling, University of Papua New Guinea, Prof. C. Osorio, University of Chile and to Ph.D. students in Zoology, Auckland University.

Mr and Mrs T. Mason have provided invaluable and much needed volunteer service in our Department during the year. They completed the arrangement of the New Zealand section but their services were lost when they moved to Australia.

Visitors to our Department were: Dr A. Solem, Field Museum of Natural History, Chicago; Dr F. Wells, West Australian Museum, Perth; and Mr Chapman-Smith, a geologist working in the Antarctic, who examined our Antarctic marine molluscan collection.

A collection of New Caledonian shells donated by Mr G. L. Rhodes to the Glen Taylor School, Auckland, has been arranged and classified for use in lectures on natural science. We also received the generous gift of 2,350 specimens of Queensland marine Molluscs donated by Mrs I. Worthy, of Whangarei.

A lecture on "The Natural History of Coral Reefs" was given in the Institute series, and other lectures were given to the Conchology Section and in the "Know your Museum" series.

This year saw the publication of my 255-page monograph on the "Mitridae of the World", published by the Delaware Museum of Natural History. The manuscript of the third volume of "Marine Shells of the Pacific" has also been completed and is in the hands of the Australian publishers.

Research during the year dealt with the taxonomy of New Zealand, Antarctic and Indo-Pacific Mollusca and preparations for a monograph on the family Nassariidae.

W. O. CERNOHORSKY

Honorary Research Associate in Mollusca

Over 10,000 specimens received on loan for research in the molluscan families Turridae and Patellidae have been recorded and the identified material either returned or held pending publication of the results. This material included a large collection of Turridae, mainly Indo-Pacific, for the British Museum (Natural History); an almost equally extensive collection of Hawaiian Turridae for the National Museum of Natural History, Smithsonian Institution, Washington; a large consignment of deep-water Turridae from off Madagascar for the Delaware Museum of Natural History; and a small collection of Patellidae for the Australian Museum, Sydney. Three reports upon the above material are nearing completion.

In addition, identifications were provided, and an extensive collection of Antarctic molluscan material made available for study by a visiting research student.

Another time-consuming task during the year has been proof reading concerned with two books on Mollusca. One, the completely revised edition of "Shells of New Zealand" (Messrs Whitcoulls Ltd.) is printed and due for publication on April 28th., 1977. The other "The New Zealand Mollusca: Marine, Land and Freshwater", a larger, more detailed and comprehensive work, is well advanced and should be out later this year.

A. W. B. POWELL

Marine Biologist

A substantial series of specimens has been received and incorporated into the main collections over the past year. By arrangement with Mr Tadashi Inada, of the Japan Marine Fishery Resource Centre, access was obtained to representative material collected by the R.V. *Shinkai Maru* during exploratory deep water trawling off New Zealand. A relatively new fauna has been encountered, with many undescribed or little known species of fishes and crustaceans, both having been collected in quantity. The collections have also provided considerable information on the seasonal and regional distribution of these groups, which will assist to assess the future management of our deep water fishing.

At the invitation of the Fisheries Research Division, Ministry of Agriculture and Fisheries, the opportunity was taken to prepare two survey programmes in the Hauraki Gulf (May-June, December) aboard R.V. *Ikateri*. Both cruises sought depth-related information on isopod fish parasites of jack mackerel, trevally and sand flounder. Data was also gained on the distribution of free-swimming juvenile isopods through plankton sampling, and of the discharged adults amongst bottom sediments.

Additional research material relating to a taxonomic study of the New Zealand kingfish (*Seriola* sp.) was obtained from various trawl cruises by fisheries scientists. Results of this work are now in preparation for publication.

In the Hall of Fishes and Whales a reorganisation of display cases was completed with the assembly of panels on 'Inshore Fishes', 'Sharks and Rays' and 'Fish Adaptations'. The revised case design has greatly improved the flexibility of the displays and already several new items, such as the cast of a deep-sea lancetfish from a specimen received last year, have been installed.

A. B. STEPHENSON

Associate Ornithologist

Workers using the Department continue to increase in numbers, as well as the number of loans made. In particular, the artist Elaine

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Power, in the course of her work for the forthcoming revised edition of the *Field Guide to the Birds of New Zealand*, has made constant use of the skin collection. Study skins for research have been borrowed by the National Museum, Otago Museum, and overseas research workers.

Mr R. L. Palma, Entomologist, National Museum, has worked this year on Mallophaga (bird lice) from some of our seabird skins, and this, incidentally, has meant that more of these skins can be identified sub-specifically. Considerable use has also been made by research workers of the Moa bone collection.

Further skeletal material has been prepared, including some mammals, but much more effort will be required in order to build up a satisfactory series of the latter group.

SYLVIA REED

Librarian

During 1976-77 there have been some marked changes of emphasis in the services provided by the Library. There has been a major increase in the use of the Photographic Collection, reflected in both the number of enquiries handled by the staff and orders placed for prints from the collection. The second significant development has been the increased number of gifts received from both members and the general public; particularly gratifying have been the large number of donations for the Armed Services Collection.

Reference services have remained at a high level and I am grateful to Mrs Drummond for her valuable efforts, particularly in the extensive research needed to answer the greatly increased number of written requests for information. 9130 persons used the Library, 478 more than last year. This figure was attained even though the use of many of the Library's early newspapers had to be restricted because of their fragile condition. Despite severely curtailed book purchases, it is some consolation that a total of 6892 books were borrowed by members, a fall of only 24 over last year. Requests from other libraries through inter-library loan numbered 482 and our own staff and Institute members requested 140 items. 1290 books were fully catalogued, a rise of 250 over last year's figures.

As previously noted it was an outstanding year for donations to the library and I should like to mention a few of these individually. Volumes of the Appendices to the Journals of the House of Representatives of New Zealand, 1920-52, were donated by the Valuation Department Library, Wellington; as a result, the Library now has a complete run of this most important periodical. W. Parkinson and Company presented bound volumes containing death notices published in both main Auckland newspapers between the years 1910-1975. Miss O. G. Poole donated a photograph album compiled by Sergeant

M. I. Inglis, Royal Artillery, the official photographer at the Royal Arsenal, Woolwich, in 1865.

Largely as a result of newspaper publicity early in the year, Aucklanders responded generously with gifts to the Armed Services Collection. Among many important accessions were the diary of Sergeant Pilot R. H. Broady, R.N.Z.A.F., February-December 1942, presented by Miss A. H. Broady; the prisoner-of-war diaries kept by the late Chaplain Major R. G. McDowall, 2NZEF, were donated by Mrs M. A. Tagg; and the papers of Amos McKegg, who served as a Corporal with the 1st New Zealand Contingent in the South African War, were presented by Mr R. N. McKegg.

There were many new accessions to the Manuscript Collection and 121 groups of papers were catalogued. Three of these may be mentioned: P & O New Zealand Limited, 8 bound registers listing shipping movements through the port of Auckland from 1900-1971; the log of the schooner Catherine on a voyage from Auckland to Melbourne, 1853, donated by Mr G. A. Kirk-Burnnand; Mrs Margaret Armstrong, whose late husband was British Agent and Consul in Tonga during World War II, presented her reminiscences of life in Tonga, including photographs.

The growing use of the Photographic Collection was a most encouraging development and I would like to thank Mr Maitland for the way in which he has coped with the extra work involved. A total of 3688 prints was supplied to library users, compared with 2092 the previous year, and despite the extra time needed to handle these orders, 1195 negatives and 765 prints were added to the collection. We are fortunate to have the services of Mr Peter Brennan to process our photograph orders and because of this we are usually able to supply prints within a week to ten days.

The increase of over 40% in the price of books and periodicals at the start of the year left its inevitable mark on the Library's budget. Book purchases suffered although it was still possible to maintain most periodical subscriptions. I would like to thank the Auckland Maritime Society whose assistance made it possible to purchase a copy of *Australia's Ships of War* by John Bastock.

During May Mrs Drummond visited England and Scotland, and was able to visit libraries attached to several important museums such as the Imperial War Museum and the National Maritime Museum, Greenwich. She was able to establish contacts with library staff and prepared a report summarising her impressions of the libraries visited. Her comments on policies followed at the Imperial War Museum Library for example, have considerable relevance for our own library.

In September the majority of periodicals making up the library of the New Zealand Institute of Chemistry were transferred to Massey

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University Library. For many years we have housed this important collection but shelving space is now scarce and we are grateful to the New Zealand Institute of Chemistry for effecting the transfer.

We have again been fortunate with our voluntary helpers, and many important tasks not normally possible with our small staff were carried out by Mr S. G. Brooker, Rev. Dr A. B. Catley and Mr L. A. Seymour. One result of their efforts has been to make some of our uncatalogued storage material available for general use. Others have assisted the Library in various ways, and I would particularly like to thank Miss E. A. Evans, Mr W. A. Heap and Mr P. L. B. Williams. Mr J. P. Webster has spent many hours listing and arranging items in the Lush Family papers now held in the library.

Some outstanding donations have already been mentioned but special mention should be made of Messrs. W. L. Cooke, H. D. B. Dansey, A. H. O'Keefe and P. K. Warren who all gave large collections of material. In addition we acknowledge with thanks donations from the following: R. E. Adams, J. W. Alexandre, A. L. Allatt, Dr J. S. Armstrong, Dr J. D. Atkinson, Auckland Historical Society, E. B. Bangerter, L. L. Barton, M. Bearsley, J. E. Bellingham, D. A. Bissett, B. Blair, J. Bower, Mr and Mrs A. Budd, J. D. Buddle, A. R. Burns, Mr and Mrs R. Briggs, S. G. Brooker, J. E. Carr, J. F. Cartwright, Rev. Dr A. B. Catley, E. E. Cole, D. A. Corbett, E. W. Crawford, R. Cronin, Devonport Public Library, J. T. Diamond, Diocesan High School, J. W. Donaldson, R. F. Draffin, M. Dunn, S. Edson, J. Elmes, Far North Regional Museum, Sir C. A. Fleming, B. Fletcher, C. E. Galbraith, Mr and Mrs W. R. Gamble, H. McKail Geddes, Gisborne Museum and Arts Centre, K. Goldwater, J. W. Goodwin, D. Graham, Mr and Mrs R. M. Grant, Professor R. C. Green, Mr and Mrs S. E. Gunter, C. L. Hampton, J. P. Hancock, Lt.-Col. A. R. Hughes, G. Ingham, E. Irvin, H. N. Jacobs, W. F. Kerr, P. E. Kivell, P. A. Lawlor, T. P. Lidgard, G. E. Lowis, F. E. McCallum, R. B. McFarlane, B. McKenzie, N. Maffey, G. Maitland, R. Milam, R. Miller, Rev. W. E. Moore, B. J. Morgan, T. Morris, Dr R. Moyle, W. Murdoch, L. D. Nathan, North Shore Teachers College, M. E. Preece, W. F. Richardson, Mr and Mrs R. J. Salmond, J. Seabrook, L. A. Seymour, P. G. Shearer, T. B. Sheppard, A. Sinclair, E. C. Spedding, E. M. Stenbo, J. M. Stacpoole, Sister M. Stanislaus, J. H. Sutherland, Takapuna Public Library, F. C. D. Taylor, Mr and Mrs Jean Taylor, Dr R. M. S. Taylor, W. Thomas, Mr and Mrs R. Turner, M. Uren, P. L. Van Dijk, J. H. Wadham, A. C. Wall, C. A. Wallace, J. P. Webster, J. W. F. Welch, J. C. Wells, Mr and Mrs M. Whelan, A. R. Wilson, M. Wilson, L. F. Wilson, Wilson and Horton Ltd., Mr and Mrs J. Wooley, Mesdames F. Allan, G. M. Appleyard, E. Armstrong, E. Banks, K. Boese, J. K. Brady, J. Burns, W. A. Christiansen, F. Clark, S. Collins, E. M. Cornes, D. Davenport, M. E. Donaldson, T. E. Dotchin, J. Dunsmuir, M. A. Ellis, E. M. Gladding, L. Groom, J. M. Gurr, F. Hamilton, E. Henderson, F. C. Hoe, N.

Johnston, M. E. Kennedy, M. E. Kersley, M. L. Lewis, G. A. Liddell, E. M. Logan, A. R. Macaulay, W. J. McFarlane, M. Mackie, B. Monaghan, S. E. A. Monaghan, L. S. Montgomerie, N. Moore, D. More, C. D. Morris, N. Morris, M. Nash, A. E. Nicklin, J. B. O'Loughlen, M. O'Sullivan, E. G. Parker, H. Phibbs, H. Phillips, C. M. Roke, J. Rudge, A. D. Rutherford, S. Saunders, R. Shann, D. H. Shearsby, H. M. Simpson, V. N. Smith, E. Tanfield, K. Taylor, A. Thomson, M. J. Thomson, V. M. Trussell, F. V. Tune, J. Watkins, D. Watters, E. M. Webster, J. A. B. Williams, F. T. Wright, Misses M. Ballantyne, P. Bawden, S. Ewen, J. H. Goulding, J. M. Hirst, B. Hodgkinson, A. Leighton, K. McVeagh, V. G. Newman, B. Nolan, M. Paterson, U. Platts, M. Polkinghorne, M. Rapson, A. Simmonds, V. Smytheman, L. C. Snowden.

I. G. THWAITES

Extension Service

The provincial travelling exhibitions have continued their circuit around our area. "Enamel Wares in the Decorative Arts" had its final showing following a request from Taranaki Museum during January and February. By that time it had travelled some 1,846 miles, and had been exhibited at 19 centres. Although there were several "false alarms" about missing pieces, in fact, only one article has been broken and the display cases have stood up well to the handling. With the experience and contacts made in circulating this exhibition it is hoped that the "Regional Variation in Maori Carving" exhibition will be seen in more centres, but will travel fewer miles. At present, commitments south of Auckland City have it booked until January, 1978, and I would expect it to spend a further six to nine months travelling in Northland.

Our programme of Government assisted staff training has continued and during the year individuals or groups from the museums at Palmerston North, Rotorua, Tauranga and Whakatane, and from the Matamata Historic Places Trust and Waikare Historical Society, have visited us to study various aspects of museum work. In addition to this, I regularly call on museums situated on the exchange circuits which I carry out monthly, covering the whole provincial area every three months.

During 1976 our special exhibition booking became finalised sufficiently far in advance to warrant our printing a "Calendar of Exhibitions for 1976". This was posted to Institute members and distributed to the public through the public libraries and art and craft societies throughout the provincial area. The exhibition bookings for 1977 were also sufficiently clear to enable us to print a 1977 calendar which was distributed through the same channels. The production of these calendars seems to have been appreciated by the public. It is

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appropriate here to list the exhibitions held during the past year: Graphic Design Awards (the New Zealand Society of Industrial Designers); D.S.I.R.: Science Serving New Zealand (D.S.I.R. Jubilee Exhibition); The Arts of Oceania (UNESCO); Mathex 76 (Auckland Mathematical Association); 17th Auckland Science Exhibition (Auckland Science Teachers Association); Contemporary New Zealand Photography (Photo Forum Inc.); International Photographic Exhibition (Photographic Society of New Zealand); Auckland Studio Pottery: 13th Annual Exhibition; Auckland Photographic Society Annual Salon; World Craft Council Exhibition (New Zealand Chapter); Bowls of the Pacific; Objects (Interior Design Students, A.T.I.).

The standard circulating scheme has continued to expand. New display sites have been found at Te Atatu North Public Library, Te Awamutu High School, Te Awamutu Public Library, Matamata High School and Rotorua Maori Craft Centre. To fill these cases new panels have been made. Mr Turbott undertook to supervise the production of a panel on "Birds of the Wetlands"; Mr Simmons worked with Mrs Brookes to produce "Maori Defensive Ingenuity" showing pa design, and "Prehistoric Trade Patterns" (an outline of how three distinctive rock types were traded at different times), and Mr Wise and Mrs Brookes produced a panel on "Some Common Insects". The last panel has been designed upon flexible lines as we intend to experiment with methods of transporting insects, many of which are difficult to keep in one piece.

The total number of panels is now 75. In spite of our efforts, there are still four organisations waiting to join the scheme, and, three of these are close to the city. I believe, however, that these panels are of the greatest use in the more remote areas, where they introduce the collections to children and adults who may have difficulty in visiting the Museum.

The W. E. A. course "Know Your Museum" was held again and its popularity shows no signs of decreasing. Speakers this year were Mr Turbott, Mr Stephenson, Mr Simmons, Mr Cernohorsky, Mr Thwaites, Miss Davidson, Mr Wise and Mr Ross-Lowe. An extensive loan of materials and panels was made to the North Shore Parent-Teacher Association, who were staging an exhibition at North Shore Teachers College to mark the anniversary of their Association. A special display was taken to the Plains A. & P. Show which this year was on the theme "Fishing"; we were able to supply two displays, "Fishing Old and New" and "Maori Fishing".

Mr Freeth's enthusiastic operation of the Planetarium has continued to draw very satisfactory attendances. The total attending public sessions during the year was 14,686, while 121 special sessions were held for school classes, averaging approximately 30 per session.

J. H. WADHAM

School Service

Summary of attendances: Primary, 33,777; Intermediate, 12,424; Post-Primary, 6,701; total, 52,902.

Student teachers on section: 26; N.S.T.C., 21; total, 47.

Exchange of Museum loan cases on request: City, 801; Provincial, 1,651.

It is pleasing to note again this year that the number of unbooked visits by school parties has been insignificant. A continuing trend over the last few years has been that a greater proportion of bookings are for specific areas with a corresponding decline in general visits. Attendances to the New Zealand Bird Hall have shown an increase of 66% over last year; the number of visits to other Halls remains constant, with the greatest concentration in the Maori Court, followed by visits centred on Centennial Street and the Hall of Man.

Two events during the year which highlighted the close co-operation between the Museum staff and School Service have been the Australian Aboriginal Arts Exhibition, which was attended by some 3,000 children, and the DSIR's exhibition marking its 50th anniversary, which was viewed by 900 Post-Primary pupils during school hours. School Service staff provided booking facilities for both exhibitions, ensuring an even flow of children through the Exhibition Hall, and in addition screened films and gave lectures in their support. All Auckland metropolitan schools are now provided with the current Museum Calendar of Exhibitions which will enable teachers to make forward planning arrangements.

On three occasions during the school vacations and on two week-ends the Education Officer worked in the Museum Halls with groups of gifted children. This proved a most rewarding exercise and continuing close links with the Gifted Children's Association have been established.

Auckland Board schools have now been provided with descriptions and floor plans of major areas of the Museum. These, it is believed, allow teachers to select areas in support of specific studies related to their syllabuses. It is now our policy to enlarge on this information in the form of teachers notes which will expand on the outlines already provided.

A feature of the New Zealand education system is the freedom given to principals and teachers in the interpretation of the curriculum in meeting the local, and often unique, needs of children from a wide range of backgrounds. This is particularly true of the Social Studies curriculum which Museum displays are so admirably able to support. It remains School Service policy to attempt to meet these special needs which are best known to class teachers. However, to cater for the needs of teachers, who may not feel secure in electing their own

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lessons on specific topics, it is planned in future to nominate a list of set lessons available from School Service staff.

Miss Rena Bowling replaced Miss Leahy while she was on leave in 1976. We are indebted to Miss Bowling for the further contributions she made to our service during this period. Not only did she prove to be an excellent teacher, but she also used her considerable artistic talents in working closely with Mr McCaw to produce some very fine exhibits for use in our loan service.

Once again, I would like to record our appreciation of the fullest co-operation received from the Director and his staff.

We are also indebted to the Principals of North Shore and Auckland Teachers Colleges for their continuing interest in our service, and finally but not least, to the General Manager and members of the Auckland Education Board, who have made every effort to maintain and improve our service.

W. K. A. BERRY

Staff Publications

April, 1976, to March, 1977

Scientific

BANGERTE, E. B.

- 1976 New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium 2. *Rec. Auckland Inst. Mus.* 13: 95-100.

CERNOHORSKY, W. O.

- 1976 Notes on the genus *Eudolium* Dall, 1889. *Bull. Conch. Sect. Auckland Inst. Mus. N.S.*, No. 1: 1-2.
1976 Comments on the proposal to validate *Aglaja* Renier, 1807 and *Aglajidae* Pilsbry, 1896 (Mollusca). *Z. N. (S.)* 1092. *Bull. Zool. Nomencl.* 33 (1): 3.
1976 The Mitridae of the world. Part 1. The subfamily Mitrinae. *Indo-Pacific Mollusca* 3 (17): 273-528.
1976 A tentatively valid species. *Hawaiian Shell News* 24 (8): 3.
1976 Cones from the Kermadec Islands. *Hawaiian Shell News* 24 (9): 3-4.
1976 The taxonomy of some Indo-Pacific Mollusca. Part 4. with descriptions of new taxa and remarks on *Nassarius coppingeri* (Smith). *Rec. Auckland Inst. Mus.* 13: 111-129.

CERNOHORSKY, W. O. and T. BRATCHER

- 1976 Notes on the taxonomy of Indo-Pacific Terebridae (Mollusca: Gastropoda), with descriptions of a new species. *Rec. Auckland Inst. Mus.* 13: 131-140.

CERNOHORSKY, W. O. A. G. BEU *et al.* and —

- 1976 A neotype for *Buccinum linea* Martyn, 1784 (Mollusca, Buccinidae). *J. R. Soc. N.Z.* 6 (2): 221-225.

DAVIDSON, JANET M.

- 1976 The significance of East Micronesia in the settlement of Oceania. *Far Eastern Prehistory Ass. Newsl.* 6: 35-39.
1976 The prehistory of Western Polynesia. *La Prehistoire Oceanienne*, pp. 27-51. Preirage, Colloque XXII, U.I.S.P.P. IXe Congres. Paris: C.N.R.S.
1976 From Hawaiki to Te Ika-a-Maui. *Australian Natural History* 18 (10): 354-357.
1976 Additional evidence from the excavations at Skipper's Ridge, (N40/7), Opito, Coromandel Peninsula. *Rec. Auckland Inst. Mus.* 13: 1-7.
1976 A Nukuoro fishing kit in the Pitt Rivers Museum, Oxford. *Rec. Auckland Inst. Mus.* 13: 9-12.

FOX, AILEEN

- 1976 Pa and other sites in the Parua Bay district, Whangaroa, Northland. *Rec. Auckland Inst. Mus.* 13: 13-27.
1976 Site recording in the Auckland Province 1975-6. *N.Z. Archaeol. Ass. Newsl.* 19 (3): 139-141.

GOULDING, JEANNE H.

- 1976 Notes on the Cheeseman Herbarium. Part 3. Exchange with Australian herbaria from before 1900 to 1923. *Rec. Auckland Inst. Mus.* 13: 101-108.

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ORCHARD, A. E.

- 1976 Rediscovery of *Gonocarpus trichostachyus* (Haloragaceae). *Rec. Auckland Inst. Mus.* 13: 109-110.
- 1977 Taxonomic revisions in the family Haloragaceae: II. Further notes on *Haloragis*, *Haloragodendron* and *Gonocarpus*. *Nuytsia* 2: 126-144.

POWELL, A. W. B.

- 1976 Tertiary fossil localities at Waiheke Island, Auckland. *Bull. Conch. Sect. Auckland Inst. Mus. N.S.* No. 1: 17-22.
- 1976 On the considerable influx of warm water Molluscs that have invaded northern New Zealand waters within recent years. *Rec. Auckland Inst. Mus.* 13: 141-166.

TURBOTT, E. G.

- 1977 Rarotongan birds, with notes on land bird status. *Notornis* 24 (in press).

General

BAYLISS, T. J.

- 1976 The Auckland Institute and Museum Asian Collection. *N.Z. Asian Newsl.* No. 3: 10-18.
- 1976 Mile Posts and Relationships. World Ceramics in the Auckland Museum. In *Art New Zealand No. 3 Dec '76*, Peter Webb (Ed.), 29-33.

SIMMONS, D. R.

- 1977 Tamakimakaurau. Traditional stories of events in Auckland's past. Ethnology Dept., Auckland Museum. 29p. (mimeo).
- 1977 Regional styles in Maori woodcarving. A series of lectures for The Centre for Continuing Education. Ethnology Dept., Auckland Museum. 63p. (mimeo).

List of Benefactions made to the **Auckland Institute and Museum**

BUILDING FUNDS

Subscribed by the Citizens of
the Auckland provincial area to
the World War I Building Fund
(including Government grant of
£37,500)

£231,614 (\$463,228)

Cenotaph Fund

£6,796 (\$13,592)

£238,410 (\$476,820)*

Subscribed to the World War II
Building Fund (including
Government war memorial sub-
sidy of £162,500)

£469,839 (\$939,678)**

Subscribed to the Auditorium
Building Fund (including
Government grant-in-aid of
\$10,000)

\$106,300†

* Including major grants of \$100,000 by the Auckland Savings Bank and
\$20,000 by the Auckland City Council.

** Including major grants of \$103,000 by the Auckland Savings Bank and
\$40,000 by the Auckland City Council.

† Including major grants of \$26,500 by the Auckland Savings Bank and
\$9,000 by the Sir John Logan Campbell Trust.

Benefactions of an amount (or value)
exceeding \$100 (£50).

MONETARY GIFTS

1876 **Auckland Citizens:** £2,026 subscribed towards first building.

1878 **Mr J. C. Firth:** Donated £106 for show cases.

1884 **Mr Edw. Costley:** Bequeathed £12,150.

1887 **Mr David Nathan:** Bequeathed £100.

1897 **Mr T. Russell:** Donated £100 for geological specimens.

1901 **Auckland Citizens:** Subscribed £1,000 for Mair Collection.

1902 **Mr E. A. Mackechnie:** Bequeathed £2,500.

1906 **Auckland Citizens:** Subscribed £662 for carved houses.

1911 **Auckland Citizens:** Subscribed £684 for ancient carvings.

1913 **Sir John Logan Campbell:** Bequeathed £1,000.

1921 **Institute Members:** Subscribed £115 for Temple Bronzes.

1923 **Sir Wm. H. Herries:** Bequeathed £1,000.

1924 **Citizens:** Subscribed £698 for Maori collections.

1925 **Institute Members:** Subscribed £100 for Maori collection.

1926 **Sir James Gunson Presentation Committee:** Presented £118 for
Maori collection.

Mr David Goldie: Bequeathed £1,000.

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- 1927 **Mr F. Shaw:** Bequeathed £1,000.
1929 **Mr S. J. Ambury:** Bequeathed £250.
1934 **Mrs R. M. Wilson:** £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
1940 **Mr Maurice Harding:** Bequeathed £500.
1941 **Mr Ormsby Gore Adams:** Bequeathed £100.
1942 **Mr J. A. Pond:** Bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
1944 **Mr E. Earle Vaile:** Gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
Mr R. C. Horton: Gave £200 towards extending the mineral collection.
Sir Albert and Lady Ellis: Gave £150 for Library book-cases.
£428 received on account of a bequest by **Mr C. V. Houghton.**
Mitchelson Prize Fund: Increased to £100.
1945 **Mrs Bertha Wilson:** Gave £2,000 as an endowment for Cinematography.
Auckland Savings Bank: Gave £500 for improvements to Exhibition Halls.
Auckland Electric Power Board: Gave £100.
Mr R. C. Horton: Gave £70 for purchase of Georgian Silver Tea Set.
Sir Cecil Leys and Sub-Lieutenant T. H. Leys, R.N.Z.N.V.R.: Gave £500 for purchase of ethnographical specimens.
1946 **Mr E. Earl Vaile:** Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
1947 **Auckland Savings Bank:** Centennial Gift of £5,000.
Mr A. V. Hanson: Bequest of approximately £2,000.
1948 **Mr E. P. Mitchelson:** Bequest of £1,000.
1950 **Mrs Sarah Ann Powley:** Bequest of £171.
Sir Cecil Leys: Bequeathed £1,000.
1951 **Mrs Bertha Wilson:** Gave £1,000 endowment for photography.
1952 **Mr James C. Entrican:** Bequest of £1,000 for numismatics.
1954 **Captain G. A. Humphreys-Davies:** Bequest of £500.
Sir Albert Ellis, C.M.G.: Bequest of £100.
1956 **Sir Alexander Johnstone, O.B.E., Q.C.:** Bequest of £500.
Sir William Goodfellow: £100 for early English ceramics.
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
1960 **Auckland Savings Bank:** Gave £500 to furnish the Cheeseman Herbarium.
A Member: Gave £75 towards furnishing the Herbarium.
Mr W. B. Dixon Stroud: Gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.
£1,000 received from an **Institute Member** to extend popular science publications.
1961 **Sir William Goodfellow:** £250 towards purchase of van; £150 for purchase of porcelain.
Mr L. J. Ayre: Bequeathed £852.
Auckland Savings Bank: Gave £600 for equipping the children's hobbies room.
Mr H. G. Atkinson: Bequeathed £685.
Dr J. A. Clinch: Bequeathed £500.
Anonymous: £500 for the memorial halls.
Miss E. L. Hellaby: £100 for the memorial halls.
Institute Member: £200 for exhibition halls.
Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.

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- 1952 **Mr H. D. Buddle:** Bequeathed £1,000 and many books.
Sir John Logan Campbell Trust: £2,400 grant for display hall.
Miss E. L. Hellaby: £100 for memorial halls.
Mr John Seabrook: £250 for micro-film reader.
Mr W. B. Dixon-Stroud: \$6,000 for Dr Powell's molluscan research.
- 1963 **Messrs E. A. Astley and Sons:** £100.
Miss C. A. Atkinson: Bequeathed £53/14/2.
Auckland Savings Bank: £5,000 for new exhibition halls.
Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology.
Sir William Goodfellow: £100.
Miss E. L. Hellaby: £100 for memorial halls.
- 1964 **Miss E. L. Hellaby:** Donation of £100.
Miss Josephine McClymont: Donation of £200.
Sir John Logan Campbell Trust: £2,500 for exhibition hall.
Auckland Savings Bank: £2,000; administrative area, finishing.
Auckland Lions' Club: £116 for display case.
- 1965 **Auckland Savings Bank:** £2,000 for Maritime Hall.
Mr W. H. Cocker, C.M.G.: Bequeathed £100 for show-case to house collection of sake bottles and snuff bottles.
Miss E. L. Hellaby: Donation of £100.
Mr S. Klippel: Bequeathed £250.
Mr J. A. Stacey: Donation of £100.
Mr W. B. Dixon-Stroud: \$4,000 for Dr Powell's molluscan research.
- 1966 **Auckland Maritime Society:** £200 towards purchase of Lloyd's Register of Shipping.
Auckland Savings Bank: £2,000 for exhibition halls.
Sir John Logan Campbell Trust: £2,000 for lighting in exhibition halls.
Mrs E. E. Fraser: Bequeathed £2,619.
Miss E. L. Hellaby: Donation of £100.
Mr C. V. Houghton residuary estate: £627.
£200 received on account of a bequest by **Mr W. T. King.**
Mrs J. McLennan: Bequeathed £1,000 as an endowment for visual aids equipment for school service.
- 1967 **Auckland Savings Bank:** £1,000 for entomological cabinets and equipment.
Sir John Logan Campbell Trust: £1,050 to commission portrait of Sir Winston Churchill by Edward Halliday.
Miss E. L. Donald: Bequeathed £500.
Miss E. L. Hellaby: Donation of £100.
Miss E. L. Hellaby: Bequeathed \$10,000 for furnishings and equipment for the World War II building.
Mr W. T. King: £955 as residue of bequest.
Mr C. E. Disney: Established the Disney Art Trust of £54,483, to enable Dominion Museum, Wellington, and this Museum to obtain Applied Arts material (particularly Oriental and European Applied Arts).
Milne and Choyce Ltd: The installation "Centennial Street", on the occasion of the firm's centenary; capital cost £8,300.
- 1968 **Auckland Savings Bank:** \$4,000 for Library furnishings, exhibition hall lighting and numismatic displays.
- 1969 **Dr Grace de Courcy:** Bequeathed \$1,000.
Mr H. K. McLeod: Bequeathed \$1,000.
- 1970 **Sir John Logan Campbell Trust:** \$2,000 to assist with the installation of Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 to provide equipment for the Marine Biology Department and for lighting in entomological displays.

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- Mrs M. Brien:** Bequeathed \$200.
Mr J. A. B. Hellaby: Bequeathed \$2,000.
Miss I. T. Stennett: Bequeathed \$2,007.
Mr N. R. W. Thomas: Bequeathed \$200.
- 1971 **Sir John Logan Campbell Trust:** \$4,000 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 towards Hall of New Zealand Birds.
Mrs M. J. Clare: Bequeathed \$500.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1972 **Sir John Logan Campbell Trust:** \$4,300 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$3,500 towards Hall of New Zealand Birds.
Mr John Seabrook, C.M.G.: \$450 for sound equipment in Hall of New Zealand Birds.
Auckland Maritime Society: \$175 for renovation of ship models.
F. E. Jackson and Co. Ltd: Donation of \$100.
- 1973 **Mr C. E. Disney:** \$7,200 to establish a Hall of English Furniture.
Sir John Logan Campbell Trust: \$4,000 for improvements to the Special Exhibition Hall.
Auckland Savings Bank: \$2,500 towards Hall of New Zealand Birds.
Miss Edith McLeod: Bequeathed \$4,348.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1974 **Sir John Logan Campbell Trust:** \$4,000 for installation of acoustic ceiling in Hall of New Zealand Birds.
Auckland Savings Bank: \$2,500 for mobile shelving in Cheeseman Herbarium.
Mrs C. R. Ford: \$100 for display case to house the C. R. Ford Antarctic Collection.
Sir William Goodfellow: \$100 for display case to house the C. R. Ford Antarctic Collection.
- 1975 **Anonymous:** \$100 for Library binding.
Anonymous: \$400 for Exhibition Hall ventilation.
Auckland Savings Bank: \$3,000 towards Coffee Lounge extensions.
Miss R. B. Hellaby: Bequeathed \$2,000.
Kensington Carpets NZ Ltd: \$200 for research activities.
Scientific Research Distribution Committee, Lottery Board of Control: \$1,815 towards publication costs of Bulletin No. 7, "Archaeology in Western Samoa", Vol. II, ed. R. C. Green and Janet M. Davidson.
Sir John Logan Campbell Trust: \$5,000 for new lighting in the Maori Court, and purchase of items for the Maori and contemporary ceramics collections.
- 1976 **Anonymous:** \$500 for Library binding.
Auckland Savings Bank: \$3,000 towards publication costs of Bulletin No. 10, "Taxonomic Revisions in the Family Haloragaceae", by A. E. Orchard.
Scientific Research Distribution Committee, Lottery Board of Control: \$4,000 towards publication costs of Bulletin No. 10, "Taxonomic Revisions in the Family Haloragaceae", by A. E. Orchard.
Mr C. J. Shaw: Bequest of \$2,000 as an endowment for the purchase of natural history and ethnographical specimens.
Sir John Logan Campbell Trust: \$25,000 towards Building Restoration and Window Replacement Fund.
Mr K. E. Sutcliffe: \$100 for Library requirements.

SPECIMENS AND BOOKS

- 1876 **Mr R. C. Barstow:** Large collection of Maori articles.
- 1877 **Mr G. F. Edmonston:** 564 volumes of scientific works.
- 1878 **Mr T. Russell, C.M.G.:** 34 casts from the antique.
- 1878-83 **Mr J. T. MacKelvie:** 390 books and ethnology collection.
- 1887 **Mr C. O. Davis:** Valuable Maori collection.
- 1901 **Mr L. D. Nathan:** Japanese Shinto Shrine.
- 1913 **Mr Henry Shaw and Mr F. Shaw:** 172 scientific books.
Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 **Dr C. E. R. Bucknill:** Collection of Old English Glass.
- 1916 **Mr Henry Shaw:** Collection of Japanese art.
- 1917 **Miss Ruth Northcroft:** Large Maori and Polynesian Collection.
- 1919 **The Misses Yates:** Collection of Indian weapons.
- 1920 **Mr James Dunning:** Collection of North American Mammals.
- 1921 **Mr W. A. Aldred:** Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection.
- 1923 **Mr T. F. Cheeseman, F.L.S., F.N.Z.Inst.:** The Cheeseman Herbarium of native and foreign plants.
- 1924 **Mr Wm. Sutherland:** Melanesian ethnographical collection.
Mr A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr R. A. Meek: Ethnographical specimens from Bismarck Group.
Messrs Samuel Vaile & Sons: Large collection of Maori greenstone articles. **Sir Cecil Leys and Mrs Selwyn Upton:** The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr T. W. Leys.
- 1925 **Mr F. Crossley Mappin:** Valuable Maori and South Pacific exhibits.
- 1926 **Mr Geo. F. Webster:** Valuable Maori antiquities.
Mr H. R. Butcher: Collection of British coins.
Mrs E. M. Ball: The Thos. Ball Zoological collection.
Mr F. Crossley Mappin: Ancient Chinese ceramic specimens.
Mr Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 **Mr F. Crossley Mappin:** Valuable Maori carvings.
Mr Moss Davis: Valuable ethnographical specimens.
- 1928 **Sir Cecil Leys and Mrs Selwyn Upton:** Unique and richly carved feather box.
Mr J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr Harry Kinder: The Dr Kinder Collection — Maori and Melanesian.
Mr E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
Mrs S. J. Lushington: Large collection of mollusca.
- 1929 **Mr T. H. Barstow:** Maori canoe prows and stern posts.
Mr W. R. McGregor: New Ireland carved memorial figures.
Mrs, Miss and Mr A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of mollusca.
Mr C. E. Clarke: Large collection of N.Z. insects.

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- Executors Mr W. M. Cole:** Stone and Bronze Age artifacts.
Miss Webster and Mr G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 **Mr John Kenderdine:** Large collection of books and pamphlets, including rare early New Zealand works. **Mr H. E. Vaile:** A large collection of Maori implements and greenstone ornaments. **Mr Moss Davis:** Selected Maori exhibits; also porcelain and ivory. **Mr L. J. Matthews:** Two specimens of Moa eggs. **Dr L. Cockayne:** Large collection of N.Z. plants.
- 1931 **Sir Cecil Leys and Mrs Selwyn Upton:** Valuable Maori antiquities; additions to the Dr T. W. Leys collection. **Mrs S. J. Lushington:** Collection of Silver and Sheffield Plate. **Mrs A. C. Lennard:** Collection of English porcelain.
Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 **Mr H. S. Dadley:** Large and valuable collection of Oriental Arts. **Mr Moss Davis:** British Gold and Silver Coins and European Ivories and Bronzes. **Hon. Sir James Parr:** Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 **Vaile Collection:** Additional gift of many valuable Maori antiquities. **Mr W. Goodfellow:** Extensive ethnographical collection from Northern Melanesia.
- 1934 **Miss Eleanor Brown and Mrs Geo. Brownlee:** Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
Messrs R. B. and G. Matthews: The H. B. Matthews Herbarium.
- 1935 **Mr F. Crossley Mappin:** Maori Specimens, including handsomely carved sternpost.
The Admiralty: Model of H.M.S. New Zealand.
- 1936 **Captain G. Humphreys-Davies:** Large and valuable collection of Chinese pottery figures. **Mrs T. G. Russell:** 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. **Mr E. Earle Vaile:** Valuable Maori hei-tiki and Rapa Island stone artifacts. **The Estate of the late H. E. Vaile:** Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 **Mr E. Earle Vaile:** Collection of ethnographical specimens and six Italian bronzes. **Sir Algernon Thomas:** Library of scientific books and papers.
- 1938 **Mr E. Earle Vaile:** Gift of many early New Zealand books and journals. **Mr J. R. le B. Tomlin:** Gift of valuable early editions of natural history works. **Mr F. Crossley Mappin:** Early Chinese Pottery and Bronzes.
- 1939 **Mr E. Earle Vaile:** Maori carvings, large Melanesian collection and gifts to the Library. **Mr J. R. le B. Tomlin:** Gift of early Worcester china and early works on natural history. **Mr W. Goodfellow:** Large Melanesian collection.
- 1941 **Mr H. R. Jenkins:** Historic anchor associated with the ill-fated H.M.S. Bounty. **Mrs T. G. Russell:** 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
Mr Ormsby Gore Adams: Bequeathed cinema camera, photographic equipment and nature films.

- 1942 **Mrs A. A. Richardson:** The late Mr J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 **Captain G. A. Humphreys-Davies:** His extensive and valuable collection of Chinese arts. **Mr E. Earle Vaile:** Large collection of books and pamphlets on exploration and early life in the South Pacific. **Mrs W. H. Hemingway:** The late Mr Hemingway's display and cabinet collections of insects. **Colonel the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr J. C. Entrican:** Large collection of Eastern Polynesian stone implements.
- 1945 **Mr W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
Mr Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.
Mr Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke".
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr and Mrs J. Yock:** Old English sterling silver salver.
- 1950 **Mrs J. P. Campbell:** Eighteenth century inlaid sideboard.
Mr Wm. Goodfellow: Delft vase and other early ceramics.
Mr V. J. Larner: Early china and delft vase.
- 1951 **Mrs Goldie:** Twenty portraits of Maoris by the late Mr C. F. Goldie.
Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
Mr W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.
Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
New Zealand Insurance Company: Suite of large cabinets and library furniture.
Mr William Goodfellow: Three Maori portraits by Lindauer.
Sir Carrick Robertson: Collection of Zulu ornaments.
Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.

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- 1954 **Mrs Robert Cooper:** Collection of botanical books and bookcases.
Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
Mrs P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr W. S. Nelson.
- 1955 **Dr J. A. Clinch:** English silver and Sheffield plate.
Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, K.B.E.
Mrs A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
Mr C. Roose: Set of 2,000 charts of the Pacific.
Mr G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
Wellcome Museum Trustees: Extensive selection of ethnological specimens.
- 1956 **Miss E. Blumhardt:** Large set of her paintings of native flowers.
The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
Sir Ernest Davis: Portrait of H.M. the Queen.
Mr John Pybus: Five moa skeletons from Waitomo district.
- 1958 **Rev. Canon Hubert Jones:** Sets of English West-County history.
- 1959 **Mrs R. Rose:** English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
Dr Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.
- 1960 **Farmers Trading Company:** Jubilee gift of a Spitz Planetarium with full range of accessories, the planetarium building and furnishings.
Sir Ernest Davis: Portrait of Lord Freyberg.
Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
Mr L. J. Ayre: Extensive philatelic collection and a monetary bequest.
Miss Lina V. Bruce: 18th century north country spinning wheel.
Mrs Susan Payne: Library cabinets, philatelic and ethnographical collections.
- 1961 **Mr Leo White:** Series of coloured wall display photographs of Auckland.
Auckland Citizen: Portrait of His Excellency the Governor-General.
Northern Steamship Company: Builder's model of "Whakaterere" and "Manaia".
Union Steamship Company: Builder's model of "Ormonde".
- 1962 **Mrs Blanche Halcombe:** Books, collections of native birds and ethnological articles.
Sir Ernest Davis: Large model sailing ship.
Mrs E. E. Goodhue: Collection of Northland greenstone ornaments.
Miss M. F. Hoole: Bequeathed a Sheraton sofa table.
Dr and Mrs J. L. Newman: Large Chinese silk and gold embroidery.
The Countess of Orford: Water colour drawing of Auckland by J. C. Hoyte.
Mrs G. R. S. Fisher: Notable examples of early English-Continental lace.
- 1963 **Sir John Logan Campbell Trust:** Library furnishings.
Mr W. Kingsley: Collection of books on Naval history.

- Mr E. F. Hilton:** Large collection of shells including rare species; Northern Australia and Tropical Pacific.
- 1964 **Miss J. Winifred Shaw:** Chinese lacquered work-table.
Sir James Gunson: Silver model of first War Memorial building.
Mr L. Alfred Eady: Early Collard piano.
Mr Peter A. N. Nathan: Chinese carved screen.
Mr Lacy K. Neilson: Maori carved pataka base.
Mr A. D. W. Walcott: Merlin air engine.
New Zealand Insurance Company: Board-room tables, chairs and book-cases.
Mr C. W. Hawkins: Models of Auckland sailing ships.
Mr N.R. W. Thomas: Set of book-shelves.
Mr C. A. Gordon: Bequest of several thousand books.
Mr R. B. Sibson: Descourtiz, Ornithologie Bresilienne.
Mr E. J. Mitchelson: Dressing table of New Zealand woods.
Mrs Doris Gordon and Miss Gladys Holman: Drawings by John Johnson, first Colonial surgeon.
Mr W. H. Cocker, C.M.G.: Collections of Japanese sake bottles and snuff bottles and £100 for show-case.
- 1965 **Mr P. A. Lawlor:** Walpole collection: books and pamphlets.
Mr James Pascoe: Two Dresden vases.
Lady Richmond, Mrs H. Kinder, Mr P. B. Phillips: Nine paintings of vessels of the Craig Line.
Mr J. F. Stewart: Tokipoutangata, mere pounamu and kotiate.
- 1966 **Auckland City Council:** Collection of three-dimensional items formerly part of the Old Colonists Museum.
- 1967 **Mr Noel Cole:** Portrait of Sir Peter Buck (Te Rangi Hiroa).
Mr V. C. Cooper: Collection of New Zealand and Australian stamps.
Lady Mappin: Georgian ball gown.
Sir Frank Mappin: Collection of European arms and armour, and oak dining table.
Royal New Zealand Navy: Model of H.M.N.Z.S. "Royalist", ship's book and other relics of H.M.S. "Philomel".
- 1968 **Mr R. W. W. Archer:** Set of New Zealand coins for each year issue up to 1965.
Auckland Studio Potters: Collection of Japanese pottery, and two studio pots by Michael Cardew.
Mr C. E. Disney: Turkish plate.
Mrs Helen Mason: Collection of studio pottery.
Mr D. MacAlister: Collection of Staffordshire pottery.
- 1969 **Wilson and Horton Ltd:** Comprehensive set of files of the "New Zealand Herald", "Weekly News", "Southern Cross", "New Zealander" and other early Auckland newspapers.
- 1970 From an **anonymous** gift for purchase: Collection of Persian carpets, 17th-18th century; collection of Asian ceramics.
- 1971 **The Cozens family** (per the Misses E. M. and E. L. A. Cozens): Collection of Pacific ethnographic material collected by the late Captain G. Cozens.
Mrs M. M. Dunningham: Han Period painted water pot, 2nd century B.C.
- 1972 **The Rt Hon. Sir Harold Barrowclough:** Portrait in oils by William Dargie.
Mr D. J. Quigley: Ngati Whatua door lintel, South Kaipara Head.
Mr Rewi Alley: Che'eng Hua enamel bowl.
Mr R. V. Roberts: Collection of ornithological books and periodicals.

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- 1973 **Mr E. M. Fenton:** 17 pieces of English pewter.
Dr C. A. Fleming: Set of Mathews "Birds of Australia".
Mrs C. R. Ford: Medals awarded to the late C. Reginald Ford — Polar Medal 1902-04, Royal Geographic Society Medal for Antarctic Discovery, George V Jubilee Medal. Antarctic equipment, papers and sketches.
Mr R. Henwood: Ngapuhi carved door post, Kaikohe.
Sir Leonard Isitt: Instrument of Surrender and other Documents relating to the Japanese surrender on 2nd September, 1945, signed on U.S.S. "Missouri".
Dr and Mrs B. Johns and family: Persian animal carpet.
- 1974 **Mr J. C. Fenton:** Comprehensive collection of English pewter; collection of English 17th and 18th century furniture and clocks.
Family of the late John Waldie: French provincial chest, Queen Anne table, Chinese punch bowl.
Mr C. G. Hall: Silver tea service, given in memory of the late John Waldie.
Mrs W. H. Ross-Lowe: English 18th century serpentine-fronted chest of drawers.
Royal New Zealand Yacht Squadron: First yacht of M Class, "Mawhiti I".
- 1975 **Mr A. G. W. Dunningham:** The Margaret M. Dunningham Collection, comprising material from India, Nepal, Tibet and South-East Asia.
Mr L. W. Tattersfield: Bolex 16mm camera and accessory fittings; Leica 35 mm camera with set of lenses and accessories; general photographic equipment.
- 1976 **Mr T. E. Clark:** Han Dynasty "hill jar".
Mr John Seabrook, C.M.G.: Propeller of World War I S.E.5A single seater fighter aircraft.
Samuel Vaile and Sons Ltd (in commemoration of the firm's centenary): *Patu onewa* from the Thames district.
Mr G. A. Wooller: Comprehensive collection of African trade beads.

Benefactions of an amount (or value)
exceeding \$200.

MONETARY GIFTS

- 1977 **Auckland Savings Bank:** \$5,000 towards Window Replacement Appeal Fund.
Mr C. V. Houghton residuary estate: \$600
Scientific Research Distribution Committee, Lottery Board of Control: \$5,000 towards publication costs of Bulletin No. 11, "A Synonymic Checklist of the Hexapoda of the New Zealand Sub-region: The Smaller Orders" by K. A. J. Wise.
Sir John Logan Campbell Trust: \$5,000 as first instalment of a total of \$51,000 towards the installation of "Auckland — Past and Future Landscapes".

SPECIMENS AND BOOKS

- 1977 **Mr T. E. Clark:** Yuan Dynasty storage jar.
Miss J. H. G. Gollan: Bequeathed a 17th century sterling silver mug, Queen Anne sterling silver mug and Jean Gautier silver travelling watch.
Mr and Mrs G. F. A. Lewin: Bequeathed a collection of 18th century English table glass.

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- Australian Aboriginal Arts Board: Aboriginal collection.
 Anonymous: Navy boatswain's pipe.
 Auckland Studio Pottery: Large green brown glazed jug, by Ian Smail;
 bottle-shaped vase, by Roger Brittain; salt-glaze cane-handled teapot,
 by Renton Murray.
 Mr and Mrs T. Bassett: Piupiu; three flax kits.
 Mr Brian Brake and Mr Amun Lau: Thai sherds, three vases with slip
 decoration, part of decorated end tile, architectural fragment.
 Mr and Mrs R. Briggs: Basket; platter; Chambri pot; shield.
 Mr C. A. Burr: Carved walking stick.
 Mrs R. Bycroft: Tewhatewha.
 Mr D. M. Calder: Framed diploma, In Memory of the Battle of Galatos;
 framed membership certificate & badge; Association of German Para-
 troopers; Battle of Crete commemorative medallion; Cretan Resistance
 medallion.
 Mr M. Cardew: Eight pieces of studio pottery.
 Mr L. Castle: Three Japanese rain capes.
 Mrs J. C. Chalmers, Mrs R. Stewart, Mr Robert Caruth: Uniform tunic.
 Miss M. E. Clark: Seal top spoon.
 Mrs P. Coates: Test glaze tiles, by Ruskin.
 Mrs M. Commons: Two Fijian cooking pots.
 Miss A. H. Conolly: Meerscham pipe; Royal seal and personal seal.
 Mr and Mrs W. L. Cooke: Irish cut glass bowl.
 Mr W. L. Cooke: Silver spoon.
 Mrs M. Cotterall: Lady's clothing, shoes and hats of 1925 period.
 Miss C. Crawford: Stone adze.
 Mrs R. G. Dahl: Table desk; weights; collar stud; two waistcoats.
 Mrs E. Danielson: Stone pounder.
 Mr P. Dopheide: Stone adze.
 Mr J. Donaldson: Wine glass.
 Mr R. F. Draffin: Uniform belt.
 Mr S. Edson: Adze roughout; middle portion of broken quadrangular adze.
 Mrs J. Endicott-Barnsfield: Sugar basin and jug.
 Mr R. Fawcett: Bow & arrows, New Guinea.
 Dr C. A. Fleming: Two New Zealand bird skins.
 Miss M. Hardwicke-Smith: Celadon coffee set (nine pieces), by Harry
 Davis; teapot, by Bill Marshall.
 Mr J. E. G. Hill: Bedspread; survey map of Bay of Plenty area.
 Mr D. Holmes: Shield; bush didgeridoo.
 Mr and Mrs W. T. Jones: Medicine man's stick.
 Mr Kirkwood: Wooden funeral boat from tomb, wooden figure, wood and
 bronze bird, Egypt.
 Mr R. G. Law: Adze; part of cannon shell.
 Mr and Mrs E. G. McCarthy: Adze.
 Mrs S. MacIntosh: Adze; two pieces of carving.

- Mr H. McKail Geddes: Rain cloak; twine cloak; carving patterns; adze.
 Mr A. H. MacKay: Victorian clothing.
 Mrs D. McVicker: Collection of flakes, obsidian and sinter.
 Miss C. Mills: Stone adze.
 Mr and Mrs C. A. Morgan: Folder of fern specimens collected at Wanganui, 1850, by J. O. D. Craig.
 Colonel W. Murphy, C.B.E., M.C.: Album compiled by the donor containing a record of the Diamond Jubilee Reunion of the New Zealand Gallipoli Association, 23-26 April, 1975, together with original photographs and other material relating to the Gallipoli campaign; volume compiled by the donor of newspaper cuttings, original photographs and other material, forming a comprehensive account of the Gallipoli Campaign.
 Commodore, Auckland: Earnshaw deck watch, believed to have been owned by Sydney Parkinson (artist on Cook's first voyage).
 New Zealand Pottery: Nine pieces of studio pottery.
 Mr P. Nicholson: Olmec figure.
 Mr T. Noakes: Modern Philippine textiles; Chinese temple lion; neolithic hanging, storage pot and pouring vessel.
 Mr N. Olsen: Adze haft.
 Mr and Mrs J. Osborne: Fishhook shank; sandstone rubber; adze fragment; worked bone.
 Mr J. Osborne: Tattoo chisel, obsidian; fossilised whale bone (worked).
 Mrs Parsons: Linen bedsheet.
 Mr S. Peat: Collection of World War I souvenirs.
 Mrs P. Pennington: Cloak and piupiu.
 Miss W. Pond: Tongan plait and shell work; Tongan dancing costume; two fans.
 Mr H. T. Porter: Studio pottery mug.
 Mr M. E. Preece: German cap tally.
 Mr C. M. Priest: Greenstone adze.
 Dr G. H. Robertson: Whalebone kotiate.
 Mrs S. I. K. Robertson: Sevres lidded bowl and saucer, 1848.
 Mrs C. L. Ross: Collection of lady's handbags and hair ornaments.
 Mr A. N. Sames: Wooden club.
 Mrs H. Sandall: Plinth.
 Mrs C. R. Shann: Purse made of foot of albatross c. 1850; samples of gold ore from the "Four Threes" mine, Marvel Lock, Western Australia.
 Mrs R. S. Simmonds: Collection of exotic butterflies.
 Mrs B. Smithson: Footstool, ruler.
 Mr L. S. Stanners: Collection of English moths and butterflies.
 Mr J. O. Stienstra: Gong head; kris; ritual kris; house guards.
 Mr J. M. Swain: Hinaki.
 Estate of Mr V. V. Thomson: 25 fern specimens, mounted by Eric Craig, in wooden box.
 Estate of Mrs M. F. Thursfield-Smith: Manicure set.
 Mr A. Tindal: Two kris.

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Mr J. B. Trollope: Kukri.

Victoria University of Wellington (Botany Department): Five books of pressed plant specimens (mainly ferns).

Mrs G. C. Watson: Thistle decanter.

Mr A. van der Wouden: Cast of side-hafted adze.

Mr M. Williams: Two pieces of plaited flax rope; knot (plaited flax); pieces of gourd.

Mr C. A. S. Wratt: Stone adze.

Storm-killed, accidentally killed and caged birds: Mr A. Adams; Mr G. Arnold; Mr K. Arnold; Mrs B. Barker; Mrs F. Bradley; Mrs J. A. Burke; Mr J. Cheyne; Miss M. Chudley; Mr M. Cowan; Mr Crandle; Mr G. R. Davidson; Mr S. Dent; Mr J. Desborough; Miss R. Dylan; Mrs G. Eller; Mr M. Field; Mr N. Fitzpatrick; Mr R. A. Froggatt; Mr V. R. Frost; Mrs J. C. Fursdon; Mrs W. R. Gamble; Mr E. Grootegoed; Mrs J. Gurr; Mrs D. Hambling; Dr W. M. Hamilton; Mrs B. Harvey; Messrs A. and L. Howell; Miss J. Iversen; Mr N. Jones; Mrs G. G. Kenny; Miss J. Key-Jones; Mrs Laurenson; Mr S. A. Lawes; Mr F. J. Lees; Miss J. Lines; Mr D. K. Lloyd; Mrs H. McClelland; Mr A. McCulloch; Mr R. MacDonald; Mr C. Mackenzie; Mrs B. Mackenzie; Mr A. Martin; Miss A. J. May; Mr F. Melhop; Mr M. Merrick; Mr I. Newby; Mr K. C. Nutsford; Mr A. I. Orr; Mrs C. W. Paton; Mrs J. D. Patterson; Mr R. Peacock; Mr N. L. Pickett; Mrs S. M. Reed; Mrs A. M. Rees; Mrs Robinson; Mrs P. M. Roberts; Mr H. Rook; Mr B. Rowe; Mr K. Schauer; Messrs G. and C. Schischka; Mr N. J. Smith; S.P.C.A.; Mrs J. Stumbles; Mr F. Thompson; Mr D. J. Underwood; Mr C. R. Veitch; Mr J. Wadham; Mr M. A. Waller; Mr J. Walters; Miss E. Watson; Mr W. K. Wilson; Mr D. White.

BALANCE SHEET AS AT 31st MARCH, 1977

E. G. TURBOTT,
Treasurer.

AIM Ann Report
1976 to 1977

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT for the Year Ended 31st March, 1977

EXPENDITURE				INCOME			
		1977	1976			1977	1976
		\$	\$			\$	\$
Salaries and Wages	290,090		269,948	Contributions from Local Authorities —			
Retiring Allowances	3,577		856	Metropolitan and Provincial			
Superannuation	16,895		17,479	Statutory	365,000		324,983
				Provincial Voluntary	6,306		4,777
		310,562	288,283			371,306	329,760
Administration Expense —				Subscriptions —			
Audit Fee	1,178		623	Life Members	1,280		1,080
Cleaning, Laundry and Custodial	4,101		2,857	Annual	5,205		4,638
Councillors' Travelling	208		347			6,485	5,718
Freight and Cartage	171		203	Donations —			
General	5,159		4,203	Donation Box			1,831
Heating, Lighting and Water	6,319		5,716	Special	543		766
Insurance	3,559		2,897			543	2,597
Legal Fee	360		150	Rent, Interest and Dividends —			
Postages, Telephones and Inter-				Trusts	1,694		1,482
com.	5,565		4,214	General Endowments	2,089		1,537
Printing and Stationery	8,504		6,126	General Funds	3,689		5,530
Rates — Auckland City Council	15,436		14,043			7,472	8,549
Travelling	2,100		2,281	Income from Sales and Services —			
		52,660	43,670	Auditorium, net			251
Preservation and Display —				Coffee Lounge, net	185		5,807
Preservation Material	703		784	Exhibition Hall	244		110
Preparation and Taxidermy	1,295		1,642	Guided Tours	101		169
Extension Service	2,182		2,377	Planetarium	3,375		2,480
Special Exhibitions	740		1,170	Publications	2,583		8,201
Photography	945		629	Shop, net	19,605		17,369
		5,865	6,602	Special Exhibitions and Sundry	92		564
Institute —						26,185	34,951
Expenses	3,287		3,201				
Subscriptions Written Off	330		240				
		3,617	3,441				
Repairs and Maintenance —							
Building	5,736		3,233				
Electrical Fittings	3,788		2,761				
Showcases and Furniture	538		290				
Equipment and General	1,689		1,953				
Windows	8,000		2,000				
		19,751	10,247				

Depreciation of Motor Vehicle	750	750		
Sales and Services —				
Auditorium, net	69	—		
Unauthorised Expenditure —				
Entertainment of guests, etc.	162	220		
Balance transferred to Appropriation Account	18,555	28,372		
	<u>\$411,991</u>	<u>\$381,585</u>	<u>\$411,991</u>	<u>\$381,585</u>

APPROPRIATION ACCOUNT

For the Year ended 31st March, 1977

	1977	1976		1977	1976
	\$	\$		\$	\$
Balance as at 1st April 1975	—	358	Balance from Income and Expenditure A/c.	18,555	28,372
Capital Expenditure from Revenue	14,647	18,900	Transfers from —		
Capital Expenditure from Reserves, etc.	6,003	27,264	L. J. Ayre — Philately	17	27
Capital Expenditure from Trusts	677	27	Building Maintenance Reserve —		
General Endowment	—	1,000	Coffee Lounge Extension	1,194	8,897
Life Members' Subscription Endowment	1,280	1,080	Disney Fund — Specimens	3,294	2,466
Publications Reserve	2,583	8,201	Exhibition Hall Ventilation Fund	179	—
Exchange Loss on Australian Investment	288	—	Government Grant —		
Balance carried down	320	563	Audio Equipment, Maori Court	—	500
			Exhibition Hall Ventilation	750	—
			Leys — Ethnographic Specimens	—	425
			Sir John Logan Campbell Trust —		
			Lighting Installation, Maori Court	—	2,070
			Specimen Purchase	—	3,000
			Mackechnie Library Bequest	660	—
			Specimen Purchase Fund	571	9,906
			Sword Purchase Fund	15	—
			Exchange Gain on Overseas Funds	—	1,740
			Balance as at 1st April 1976	553	—
	<u>\$25,798</u>	<u>\$57,403</u>		<u>\$25,798</u>	<u>\$57,403</u>

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STATEMENT OF TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Cap ital Balance 1/4/76	Income Balance 1/4/76		Interest	Other Receipts	Total Income	Payments	Detail	Income Balance 31/3/77		Capital Balance 31/3/77	Total Balance
		Dr	Cr						Dr	Cr		
TRUSTS												
Accumulating Endowment	2,293.83			137.93		137.93					2,436.76	2,436.76
H. G. Atkinson — Research	1,478.48		708.41	88.71		88.71	458.67	I & E A/c.	338.45		1,478.48	1,816.93
L. J. Ayre — Philately	1,777.92		17.29	106.67		106.67	16.95	Appn. A/c.	107.01		1,777.92	1,884.93
J. C. Entrican — Numismatics	2,000.00		970.53	123.00		123.00			1,090.53		2,000.00	3,090.53
Mackenzie — Library	4,030.00		420.00	240.00		240.00	660.00	Appn. A/c.			4,000.00	4,000.00
Janet McLennan — School Service	2,000.00		968.96	120.00		120.00			1,088.96		2,000.00	3,088.96
Mitchelson Prize	400.00		243.81	24.00		24.00			273.81		400.00	673.81
Museum Endowment	28,232.44			1,693.95		1,693.95	1,693.95	I & E A/c.			28,232.44	28,232.44
Pond Cheeseman Bequest — Commemoration Prize	290.00		147.97	17.40		17.40			155.37		290.00	455.37
Sir Carrick Robertson — Research	1,200.00		634.18	72.00		72.00			706.18		1,200.00	1,906.18
C. J. Shaw — Natural History and Ethnology Purchases	2,000.00		37.53	120.00		120.00			157.53		2,000.00	2,157.53
Edward Earle Vaile Ethnology, Library	246,715.36		5,456.96	13,886.99	25,359.17	39,246.16	36,663.94	Vaile A/c.	8,033.18		246,715.36	254,748.54
Vaile Obsolescence Fund	20,229.58			839.18	400.00	1,239.18					21,438.76	21,438.76
Bertha Wilson — Cinematography	4,000.00		3,026.35	240.00		240.00			3,266.35		4,000.00	7,266.35
Bertha Wilson — Photography	2,000.00		237.05	120.00		120.00			327.05		2,000.00	2,327.05
	319,622.61		12,845.05	17,795.83	25,759.17	43,555.00	39,499.51		15,554.43		319,959.72	335,524.15
GENERAL ENDOWMENTS												
General Endowment	1,000.00			50.00		50.00	50.00	I & E A/c.			1,000.00	1,000.00
Eleanor L. Hellaby Bequest	10,141.10			537.06		537.06		I & E A/c.			10,141.10	10,141.10
Rose B. Hellaby Bequest	2,000.00			100.00		100.00	100.00	I & E A/c.			2,000.00	2,000.00
Houghton Bequest					600.19	600.19					600.19	600.19
Life Members' Subscriptions	21,676.64			1,083.83	1,283.00	2,363.83	1,033.83	I & E A/c.			22,956.64	22,956.64
	34,817.74			1,740.89	1,880.19	3,621.08	1,740.89				35,697.93	36,697.93

RESERVES, GIFTS, GRANTS AND PROVISIONS

Building Maintenance	30,244.82		1,209.79	5,000.00	6,209.79	2,802.39 1,194.39	I & E A/c. Appn. A/c.		32,457.83	32,457.83
Sir John Logan Campbell Trust — Hall of New Zealand Birds Exhibition —	964.10		38.56		38.56	1,002.66	I & E A/c.		—	—
Auckland's Environment				5,000.00	5,000.00				5,000.00	5,000.00
Clinch — Photographic Equipment	182.33		7.30		7.30				189.68	189.68
Depreciation of Investments	1,345.84		53.83		53.83				1,399.67	1,399.67
Depreciation of Auditorium Assets	6,550.15		252.01	1,000.00	1,262.01				7,812.16	7,812.16
Depreciation of Coffee Lounge Assets	4,505.58		180.22	3,010.00	3,190.22	658.00	I & E A/c.		7,037.83	7,037.83
Depreciation of Motor Vehicles	9,704.98		588.20	1,570.00	1,888.20				11,593.18	11,593.18
Depreciation of Shop Assets	6,271.77		253.87	1,430.00	1,670.87				7,952.64	7,952.64
Educational Publications	3,451.04		133.04		138.04				3,589.08	3,589.08
Exhibition Hall Ventilation Fund	172.47		6.90		6.90	179.37	Appn. A/c.		—	—
Government Grants —						750.00	Appn. A/c.		—	—
Exhibition Hall Ventilation Trav. Exhibitions Programme 1975/76	750.00					308.34	I & E A/c.		—	—
Trav. Exhibitions Programme 1976/77	308.34								3,915.14	3,915.14
Administration of Antiquities Act				6,000.00	6,000.00	2,084.86	I & E A/c.		160.54	160.54
Horton — Geology	337.63		13.50	2,000.03	2,000.00	1,839.46	I & E A/c.		351.13	351.13
Kensington Carpets Research Fund	207.00		8.28		8.28				—	—
Leys — Ethnographic Specimens	953.26		38.13		38.13	215.28	I & E A/c.		991.39	991.39
Members' Library Purposes Fund	118.00		4.72	371.19	375.91				493.91	493.91
Memorial Halls	7,807.90		312.32	46.48	358.87				8,166.70	8,166.70
Nuffield Grant	1,569.45		62.78		62.78				1,632.23	1,632.23
Oceanographic Grant	94.89		3.80		3.80				98.69	98.69
Publications Reserve	21,930.94		877.24	2,582.68	3,459.92				25,390.86	25,390.86
Queen Elizabeth II Arts Council — Conservation Grant				450.00	450.00				450.00	450.00
Reserve for Building Additions	1,761.94		70.48		70.48				1,832.42	1,832.42
Special Visitors' Fund	729.96		29.20		29.20				759.16	759.16
Specimen Purchase	621.10		24.84	1,035.86	1,060.70	570.57	Appn. A/c.		1,111.23	1,111.23
Specimen Purchase — Disney Fund	183.71		7.59	3,096.74	3,104.33	3,294.04	Appn. A/c.		—	—
Sword Purchase	14.55		0.58		0.58	15.14	Appn. A/c.		—	—
Wheelchair Ramp (Mrs J. A. Crum)				125.00	125.00				125.00	125.00
Window Maintenance	11,497.18		459.89	8,000.00	8,459.89	9,105.92	I & E A/c.		10,851.15	10,851.15
Window Replacement Appeal Fund — Auckland Savings Bank				5,000.00	5,000.00				5,000.00	5,000.00
Door Appeal	6,287.30		251.49	15,939.29	16,160.78				22,448.08	22,448.08
Members' Appeal	3,670.50		146.82	1,080.03	1,226.85				4,897.35	4,897.35
Sir John Logan Campbell Trust — Restoration of stonework and window replacement	25,000.00		1,500.00		1,500.00				26,500.00	26,500.00
	147,242.79		6,347.38	62,637.27	63,984.65	24,020.42			192,207.02	192,207.02

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(A summary of this account is included in the Statement of Trusts)

	1977 \$	1976 \$		1977 \$	1976 \$
Capital Expenditure —			Rents Received	25,359	23,147
Collections	6,280	7,432	Less Expense —		
Equipment	78	153	Commission	1,426	1,377
Library	8,496	7,881	Insurance	749	483
	14,854	15,465	Rates	2,431	2,730
			Repairs and Maintenance	2,878	2,980
Archaeology —				7,484	7,570
Salary, Wages and Superannuation	11,332	6,454	Net Rents	17,875	15,577
Travelling and Field Expenses	1,491	431	Interest and Dividends —		
	12,823	6,885	Term Deposit, Bank of N.Z.	1,575	1,099
			Local Authority Stock	1,324	1,125
Legal Fee	300	107	N.Z. Government Stock	180	150
Transfer to Obsolescence Fund	400	400	Trust Companies	10,146	8,944
Interest on Obsolescence Fund	809	671	Dividends	662	541
	1,509	1,178		13,887	11,859
			Balance brought down	5,457	1,550
Balance carried down	8,033	5,457		37,219	28,986
	\$37,219	\$28,986			

ROLL OF HONORARY LIFE MEMBERS

	Elected 1868
Ferdinand von Hochstetter, PH.D.	
Sir Cecil Leys	1931
H. E. Vaile, Esq.	1931
Captain G. A. Humphreys-Davies	1944
E. Earle Vaile, Esq., O.B.E.	1944
Professor H. W. Segar, M.A., F.R.S.N.Z.	1946
W. G. White, Esq.	1946
Sir Frank Mappin, Bart	1947
J. C. Rennie, Esq., LL.B.	1947
J. C. Entrican, Esq.	1948
Eruini Taipari, Esq.	1949
Sir Carrick Robertson, F.R.C.S.	1951
A. T. Pycroft, Esq.	1951
Sir James Gunson, C.M.G., C.B.E.	1955
Sir John Allum, C.B.E.	1960
M. K. Draffin, Esq., M.C., F.R.I.B.A.	1960
Sir Ernest Davis	1961
Sir William Goodfellow	1962
W. Calder MacKay, Esq., O.B.E., M.C.	1962
Sir Gilbert Archey, C.B.E., M.A., D.S.C., F.R.S.N.Z.	1963
E. H. Rhodes, Esq., B.SC.	1963
Lucy Cranwell Smith, M.A., D.S.C., F.I.L.S., F.R.S.N.Z.	1964
J. Seabrook, Esq., C.M.G., A.F.C.	1964
Professor L. H. Briggs, D.S.C., D.PHIL., F.R.S.N.Z.	1965
W. B. Dixon Stroud, Esq.	1966
Rt. Hon. Sir Harold Barrowclough, K.C.M.G., C.B., D.S.O., M.C.	1967
C. E. Disney, Esq.	1967
R. S. Milne, Esq.	1968
W. Taipari, Esq.	1968
Archbishop James M. Liston, C.M.G., D.D., HON.LL.D.	1970
K. B. Myers, Esq., M.B.E.	1971
A. U. Wells, Esq., C.B.E.	1972
A. W. B. Powell, HON. D.S.C., F.R.S.N.Z.	1973
J. C. Fenton, Esq.	1975
E. G. Turbott, Esq., M.S.C.	1975

Members of the Auckland Institute.

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- | | |
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M.C. | Mrs L. Cranwell Smith, M.A.,
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| Afford, R. N. | Bishop, T. A., O.B.E., M.M., B.A. |
| Alexander, A. M. | Bishop, W. N. |
| Alexander, L. J. | Blackburn, Mrs Y. D. L. |
| Aldritt, C. | Bogle, Professor A. G., B.E.
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(Camb.), F.R.C.S., F.R.A.C.S.,
F.R.C.O.G. |
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| Andrae, Dr. G. A. | Bow, A. F. |
| Armstrong, R. W., M.A., Ph.D.,
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| Arthur, Mrs Nola V., N.Z.L.A.
Cert., A.N.Z.L.A., A.L.A.A. | Bowling, Miss R. |
| Ash, Miss C., M.A. | Brake, Brian |
| Astley, F. Lloyd | Brehmer, K., B.A. |
| Atkinson, J. D., O.B.E.,
M.Agric.Sc., D.Sc., F.R.S.N.Z. | Brett, Miss Marguerite |
| | Brett, Miss Philippa |
| Bach, C. R., E.D., B.Sc. | Brialey, Miss F. M. G. |
| Bach, Miss Elizabeth E. R. | Briggs, R. M., M.Sc., Ph.D. |
| Baker, D. H. | Briggs, Mrs S. M. |
| Ball, Mrs J. E. M. | Broadfoot, Mrs R. M. |
| Bamford, Miss N. R., B.A. | Broady, Miss A. H. |
| Bannister, M. H. | Brooker, S. G. M.Sc., Hon.
F.N.Z.I.C., Hon. F.I.F.S.T.
(N.Z.) |
| Barbarich, J. P. | Brooking, C. T., E.D., M.A.,
Dip.Ed. |
| Barnes, J. R., B.D.S. | Brothers, Professor R. N., M.Sc.,
Ph.D., D.I.C.(Lond.), F.G.S.,
F.R.S.N.Z. |
| Barnfather, R. L. | Brown, A. G. |
| Bartlett, W. H. | Brown, D. F. |
| Baskett, Dr. Noel | Brown, H., B.A. |
| Batten, W. N., M.A., A.R.A.N.Z. | Brown, Harvey St. C. |
| Batley, M. H., M.Sc., Ph.D. | Brown, Mrs Judith C. |
| Bell, E. A., B.Sc., B.E.,
A.M.I.C.E., F.N.Z.I.E.,
C.R.Ae.S. | Brown, Julian |
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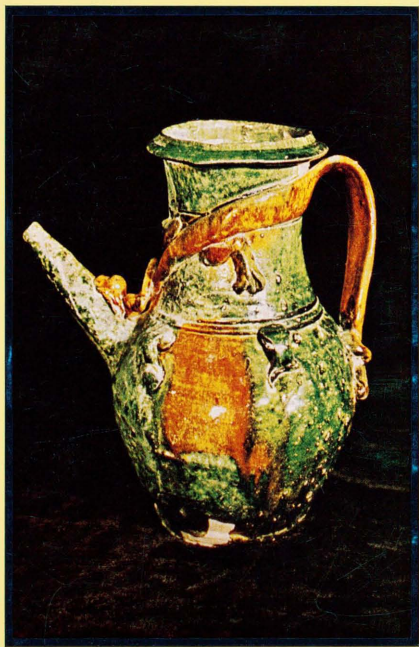
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